



## DAFTAR HARGA PIPA HDPE UNILON

SERI	S - 5		S - 6.3		S - 8		S - 10		S - 12.5	
SDR	SDR-11		SDR - 13.6		SDR - 17		SDR - 21		SDR - 26	
PE 80	PN - 12.5		PN - 10		PN - 8		PN - 6.3		PN-5	
PE 100	PN - 16		PN 12.5		PN - 10		PN - 8		PN - 6	
OD mm	Tebal mm	Harga (Rp)	Tebal mm	Harga (Rp)	Tebal mm	Harga (Rp)	Tebal mm	Harga (Rp)	Tebal mm	Harga (Rp)
16										
20	19	8.520	1,6	7.100						
25	2,3	10.200	19	9.000	1,6	7.200				
32	3,0	16.800	2,4	13.800	1,9	11.400	1,6	9.600		
40	3,7	25.800	3,0	21.600	24	17.400	1,9	14.400	1,6	12.000
50	4,6	40.200	3,7	33.000	3,0	27.000	24	22.200	2,0	18.600
63	5,8	63.600	47	52.800	3,8	43.200	3,0	34.800	2,4	28.200
75	68	88.800	5,6	74.400	45	61.200	3,6	49.800	2,9	40.800
90	8,2	129.000	6,7	106.200	5,4	88.200	43	71.400	3,5	58.800
110	10,0	190.800	8,1	158.400	6,6	131.400	5,3	107.400	43	88.200
125	114	247.800	92	204.600	74	167.400	6,0	136.800	48	111.000
140	12,7	308.400	10,3	256.200	8,3	210.000	6,7	171.600	5,4	140.400
160	14,6	405.000	118	334.200	9,5	274.200	7,7	225.000	6,2	184.200
180	16,4	511.800	13,3	424.200	10,7	346.800	8,6	282.600	6,9	229.200
200	18,2	631.200	14,7	520.200	11,9	427.800	9,6	350.400	17	284.400
225	20,5	799.200	16,6	660.600	13,4	542.400	10,8	442.800	8,6	357.000
250	22,7	982.800	18,4	813.600	14,8	664.800	11,9	541.800	9,6	442.800
280	25,4	1.232.400	20,6	1.019.400	16,6	835.200	13,4	684.000	10,7	552.000
315	28,6	1.560.000	23,2	1.291.800	18,7	1.057.800	15,0	859.800	12,1	703.200
355	32,2	1.980.000	26,1	1.638.000	21,1	1.346.400	16,9	1.091.400	13,6	888.600
400	36,3	2.514.000	29,4	2.077.200	23,7	1.701.600	19,1	1.392.000	15,3	1.127.400
450	40,9	3.183.000	33,1	2.631.600	26,7	2.155.800	21,5	1.760.400	17,2	1.425.000
500	45,4	3.927.600	36,8	3.246.600	29,7	2.659.800	23,9	2.171.400	19,1	1.758.000
560	50,8	4.920.000	41,2	4.072.800	33,2	3.336.600	26,7	2.717.400	21,4	2.203.800
630	57,2	6.234.600	46,3	5.148.600	37,4	4.221.600	30,0	3.433.200	24,1	2.792.400



*Dimana air mengalir sampai jauh*

## DAFTAR HARGA PIPA HDPE RUCIKA PE-100

DN		SDR 9 (PN 20)		SDR 11 (PN 16)		SDR 13,6 (PN 12,5)	
(mm)	(Inch)	Tebal (mm)	Harga (Rp) (mm)	Tebal (mm)	Harga (Rp) (m)	Tebal (mm)	Harga (Rp) (m)
20	1/2"	2,3	-	1,9	6,700	-	-
25	3/4"	2,8	-	2,3	10,100	-	-
32	1"	3,60	-	2,9	16,200	-	-
40	1 1/4"	4,5	-	3,7	25,600]	-	-
50	1 1/2"	5,60	-	4,6	39,600]	3,7	32,600
63	2"	7,1	-	5,8	62,600]	4,7	52,000
75	2 1/2"	8,4	105,200	6,8	87,400	5,5	72,400
90	3"	10,1	151,600	8,2	126,700]	6,6	104,100
110	4"	12,3	225,200	10	187,700	8,1	156,000
125*	5"	14	291,300	11,4	243,600	9,2	201,100
140		15,7	364,900	12,7	-	10,3	-
160	6"	17,90	475,200	14,6	398,400]	11,6	328,600
180*		20,1	601,200	16,4	-	13,3	417,100
200	8"	22,40	743,400	18,2	621,000	14,7	511,500
225*		25,2	940,900	20,50	785,900	16,6	649,600
250	10"	27,9	1.158.300	22,7	967.600	18,4	799,500
280*		31,3	1.453.500	25,4	1.211.800	20,5	1.000.500
315	12"	35,2	1.841.700	28,6	1.535.500	23,2	1.268.800
366	14"	39,7	2.335.300	32,2	1.946.800	26,1	1.610.800
400	16"	44,7	2.962.100	36,3	2.471.800	29,4	2.043.300
450*	18"	50,3	3.750.400	40,9	3.130.800	33,1	2.586.600
500	20"	55,8	4.621.500	45,4	3.862.100	36,8	3.189.800
560*	22"	62,2	5.798.300	50,8	4.838.400	41,2	4.003.400
630	24"	70	7.337.200	57,2	6.130.300	46,3	5.064.900
710	28"	-	-	-	-	-	6.431.500
800	-	-	-	-	-	-	-
900	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-



*Dimana air mengalir sampai jauh*

## DAFTAR HARGA PIPA HDPE RUCIKA PE-100

DN		SDR 17 (PN 10)		SDR 21 (PN 8)		SDR 26 (PN6)	
(mm)	(Inch)	Tebal (mm)	Harga (Rp) (m)	Tebal (mm)	Harga (Rp) (mm)	Tebal (mm)	Harga (Rp) (m)
20	1/2"	-	-	-	-	-	-
25	3/4"	-	-	-	-	-	-
32	1"	-	-	-	-	-	-
40	1 1/4"	-	-	-	-	-	-
50	1 1/2"	3	27,100	-	-	-	-
63	2"	3,8	42,800	3	34,200	-	-
75	2 1/2"	4,5	60,300	3,6	49,100	-	-
90	3"	5,4	86,700	4,3	70,300	3,5	57,400
110	4"	6,6	129,000	5,3	105,500	4,3	86,800
125*	5"	7,4	164,600	6	134,900	4,8	109,600
140		8,3	-	6,7	-	5,40	-
160	6"	9,50	269,600	7,7	221,400	6,2	180,000
180*		10,7	341,100	8,6	-	6,90	-
200	8"	11,9	420,700	9,6	344,700	7,7	279,400
225*		13,4	533,700	10,8	435,600	8,6	351,400
250	10"	14,8	654,000	11,9	533,200	9,6	436,000
280*		16,6	821,700	13,40	672,800	10,7	543,000
315	12"	18,7	1.040.400	15	845.400	12,1	692.600
366	14"	21,1	1.323.900	16,9	1.073.600	13,6	874.100
400	16"	23,7	1.673.300	19,1	1.368.600	15,3	1.108.500
450*	18"	26,7	2.120.100	21,5	1.730.800	17,2	1.401.500
500	20"	29,6	2.611.600	23,9	2.135.400	19,1	1.728.900
560*	22"	33,2	3.281.500	26,7	2699.600	21,4	2.167.100
630	24"	37,3	4.146.300	30	3.376.100	24,1	2.745.900
710	28"	42,1	5.272.900	33,9	4.298.300	27,2	3.489.900
800	-	47,4	6.687.300	38,1	5.541.600	30,6	4.496.000
900	-	53,3	8.602.700	42,9	7.011.700	34,4	5.709.100
1000	-	59,3	10.627.900	47,7	8.662.800	38,2	7.016.600



## DAFTAR HARGA PIPA HDPE HOCO

SERI		S3.2		S4		S5		S6.3	
SDR		7,4		9		11		13,6	
PE-100		PN-25		PN-20		PN-16		PN-12.5	
INCH	MM	Tebal	Harga(Rp)	Tebal	Harga(Rp)	Tebal	Harga(Rp)	Tebal	Harga(Rp)
		Min(mm)	(meter)	Min(mm)	(meter)	Min(mm)	(meter)	Min(mm)	(meter)
1/2"	20	3.0	9.600	2.3	7.800	2,0	6.960	1,8	6.000
3/4"	25	3.5	14.400	3.0	12,000	2.3	10,090	2,0	8.770
1"	32	4.4	23,400	3.6	19.820	3,0	16.450	2.4	13.510
1-1/4"	40	5,5	36,600	4,5	30.630	3.7	25,820	3,0	21.320
1-1/2"	50	6.9	57,000	5.6	47,450	4,6	39,340	3,7	32.970
2"	63	8.6	90,000	7,1	75.670	5,8	63.060	4,7	52.250
2-1/2"	75	10.3	127.900	8,4	106.900	6.8	87,630	5.6	73.270
3"	90	12.3	183,100	10,1	153.750	8.2	125.830	6,7	104.920
4"	110	15,1	274,400	12,3	228.850	10,0	186.960	8,1	156.460
5"	125	17.1	353.700	14,0	294.890	11,4	244.620	9,2	201.800
	140	19.2	443,800	15,7	370,570	12,7	304.860	10,3	252.790
6"	160	21.9	577.700	17,9	482.250	14,6	396.570	11,8	330.330
	180	24,6	730.900	20,1	610.810	16,4	505.880	13,3	418.800
8"	200	27,4	900,000	22,4	754.950	18,2	623.660	14,7	513.630
	225	30,8	1,142,300	25,2	952.550	20,5	789.430	16,6	652.310
10"	250	34.2	1,410,200	27,9	1,174.170	22,7	971.110	18,4	804.800
	280	38,3	1,768,100	31,3	1,476.270	25,4	1,206.400	20,6	997.720
12"	315	43.1	2,232,400	35,2	1,867.260	28,6	1,541,200	23,2	1,275.900
14"	355	48.5	2,837,800	39,7	2,366,360	32,2	1,955.900	26,1	1,595,700
16"	400	54.7	3,599,300	47.7	3,008,400	36.3	2,483,400	29,4	2,051.800
18"	450	61,5	4,560.300	50.3	3,826.420	40.9	3,195,700	33.1	2,610.800
20"	500			55.8	4,706,300	45.4	3,941,100	36,8	3.221.000
22"	560			62,5	5.872.000	50,8	4.936.900	41.2	4,060,600
24"	630			70.3	7.514.700	57.2	6,246,800	46,3	5,133,300
28"	710			79.5	9,529,700	64,5	7.924.900	52.2	6.510.500
32"	800			89,3	14,464,800	72.6	12,079,000	58.8	9.924.300
36"	900					81.7	15,509,000	66.2	12,549,000
40"	1000				-	90.2	18,938.000	72.5	15,420,525



## DAFTAR HARGA PIPA HDPE HOCO

SERI		S8		S10		S12.5		S16		S20	
SDR		17		21		26		33		41	
PE-100		PN-10		PN-8		PN-6.3		PN-5		PN-4	
INCH	MM	Tebal	Harga(Rp)	Tebal	Harga(Rp)	Tebal	Harga(Rp)	Tebal	Harga(Rp)	Tebal	Harga(Rp)
		Min(mm)	(meter)	Min(mm)	(meter)	Min(mm)	(meter)	Min(mm)	(meter)	Min(mm)	(meter)
1/2"	20	1,4	5.710								
3/4"	25	1,8	7.690								
1"	32	2,0	11.530		9.610						
1-1/4"	40	2,4	17.360	2,0	14.350		12.010				
1-1/2"	50	3,0	26.850	2,4	22.460	2,0	18.620				
2"	63	3,8	42.880	3,0	34.830	2,5	28.220				
2-1/2"	75	4,5	60.540	3,6	49.850	2,9	40.240				
3"	90	5,4	86.900	4,3	71.470	3,5	58.850				
4"	110	6,6	128.170	5,3	106.900	4,2	87.690				
5"	125	7,4	165.220	6,0	136.330	4,8	111.150				
	140	8,3	207.390	6,7	171.170	5,4	139.950				
6"	160	9,5	267.930	7,7	222.340	6,1	181.980				
	180	10,7	342.280	8,6	279.280	6,9	226.420				
8"	200	11,9	418.620	9,6	346.066	7,7	280.480				
	225	13,4	535.850	10,8	441.440	8,6	300.300				
10"	250	14,8	656.880	11,9	535.000	9,6	437.250				
	280	16,6	817.240	13,4	681.680	10,7	546.550				
12"	315	18,7	1.044.800	15,0	849.070	12,1	693.690	9,7	566.360	7,7	453.450
14"	355	21,1	1.329.300	16,9	1.077.700	13,6	877.600	10,9	715.900	8,7	576.500
16"	400	23,7	1.680.400	19,1	1.372.190	15,3	1.112.300	12,3	911.700	9,8	730.900
18"	450	26,7	2.153.100	21,5	1.754.350	17,2	1.431.200	13,8	1.145.900	11,0	921.300
20"	500	29,7	2.657.600	23,9	2.154.950	19,1	1.755.500	15,3	1.412.000	12,3	1.145.300
22"	560	33,2	3.349.500	26,7	2.690.080	21,4	2.209.600	17,2	1.775.900	13,7	1.424.600
24"	630	37,4	4.237.200	30,0	3.406.000	24,1	2.789.200	19,3	2.240.200	15,4	1.813.200
28"	710	42,1	5.384.300	33,9	4.338.130	27,2	3.545.300	21,8	2.851.000	17,4	2.294.800
32"	800	47,4	8.200.300	38,1	6.598.900	30,6	5.388.100	24,5	4.330.000	19,6	3.489.000
36"	900	53,5	10.429.500	42,9	8.379.800	34,4	6.846.800	27,6	5.476.000	22,0	4.402.000
40"	1000	59,3	12.812.000	47,7	10.371.000	38,2	8.407.000	30,6	6.739.000	24,5	5.451.000

# LESSO

## DAFTAR HARGA PIPA HDPE LESSO

HDPE	OD	PN 10	PN16
Inch	Mm	Harga (Rp)	Harga (Rp)
1/2"	20	-	9.178
3/4"	25	-	11.822
1"	32	15.430	-
1 1/4"	40	20.298	-
1 1/2"	50	31.288	-
2"	63	49.854	-

# Pralon®

## DAFTAR HARGA PIPA HDPE PRALON

DIMENSI		SDR 21 (PN 8)		SDR 17 (PN 10)		SDR 13.6 (PN 12.5)		SDR 11 (PN 16)	
OD (mm)	ND (Inch)	Tebal (mm)	Harga/Meter (Rp.)	Tebal (mm)	Harga/Meter (Rp.)	Tebal (mm)	Harga/Meter (Rp.)	Tebal (mm)	Harga/Meter (Rp.)
20	1/2							2.0	8,800
25	3/4					2.0	11,000	2.3	12,550
32	1			2.0	14,400	2.4	17,900	3.0	21,700
40	1 1/4	2.0	18,150	2.4	22,700	3.0	27,150	3.7	32,650
50	1 1/2	2.4	28,850	3.0	34,450	3.7	41,950	4.6	51,000
63	2	3.0	44,100	3.8	54,900	4.7	66,450	5.8	80,250
75	2 1/2	3.6	63,150	4.5	77,400	5.6	92,550	6.8	110,150
90	3	4.3	90,550	5.4	111,050	6.7	132,750	8.2	159,400
110	4	5.3	135,500	6.6	164,750	8.1	199,250	10.0	240,500
160	6	7.7	282,400	9.5	343,400	11.8	417,300	14.6	505,950
200	8	9.6	458,900	11.9	558,550	14.7	678,100	18.2	823,050
225	8	10.8	580,200	13.4	709,000	16.6	861,400	20.5	1,042,500
250	10	11.9	708,000	14.8	867,600	18.4	1,060,750	22.7	1,282,150
315	12	15.0	1,121,800	18.7	1,379,600	23.2	1,683,650	28.6	2,037,000
355	14	16.9	1,425,550	21.1	1,757,200	26.1	2,134,150	32.2	2,584,000
400	16	19.1	1,818,550	23.7	2,217,750	29.4	2,704,600	36.3	3,279,000
450	18	21.5	2,297,000	26.7	2,808,950	33.1	3,426,250	40.9	4,157,000
500	20	23.9	2,831,250	29.7	3,460,300	36.8	4,223,450	45.4	5,128,500
560	22	26.7	3,543,900	33.2	4,336,900	41.2	5,298,000	50.8	6,428,000
630	24	30.0	4,473,850	37.4	5,493,050	46.3	6,705,900	57.2	8,146,150
710	28	33.9	5,885,200	42.1	7,219,800	52.2	8,805,200		
800	32	38.1	7,446,700	47.4	9,150,650	58.8	11,173,000		



## DAFTAR HARGA PIPA HDPE WESTPEX

OD (mm)	OD (Inch)	PN 10		PN 12,5		PN 16	
		Thickness (mm)	SDR 17 / S 8 PRICE (m)	Thickness (mm)	SDR 13.6 / S 6.3 PRICE (m)	Thickness (mm)	SDR 11 / S PRICE (m)
20	1/2"	-	-	-	-	2.00	9.100
25	3/4"	-	-	2.00	10.400	2.30	12.350
32	1"	2.00	13.650	2.40	16.800	3.00	20.550
40	1 1/4"	2.40	21.350	3.00	24.350	3.70	31.600
50	1 1/2"	3.00	33.150	3.70	39.250	4.60	49.150
63	2"	3.80	52.900	4.70	64.350	5.80	78.300
75	2 1/2"	4.50	74.650	5.60	91.250	6.80	109.100
90	3"	5.40	107.500	6.70	131.300	8.20	157.800
110	4"	6.60	160.550	8.10	193.700	10.00	238.800
160	6"	9.50	335.550	11.80	411.050	14.60	498.700
200	8"	11.90	526.500	14.70	639.200	18.20	777.150
250	10"	14.80	818.250	18.40	1.001.150	22.70	1.212.000
315	12"	18.70	1.302.200	23.20	1.589.900	28.60	1.922.700
355	14"	21.10	1.654.900	26.10	2.015.550	32.20	2.439.850
400	16"	23.70	2.095.100	29.40	2.559.200	36.30	3.100.250
450	18"	26.70	2.654.750	33.10	3.240.800	40.90	3.929.000
500	20"	29.70	3.280.550	36.80	4.004.500	45.40	4.846.550
560	22"	33.20	4.025.850	41.20	4.916.850	50.80	7.549.000
630	24"	37.40	5.090.550	46.30	6.218.950	57.20	7.549.000
710	28"	42.10	6.470.900	52.20	7.908.300	64.50	9.560.450
800	32"	47.40	8.194.700	58.80	10.064.350	72.60	12.150.200



**DAFTAR HARGA  
 PIPA HDPE PE 100 TRILLIUNPRIME  
 UNTUK AIR BERSIH BERTEKANAN  
 SNI 4829.2:2015 / ISO 4427-2007**

DIAMETER		PANJANG Meter / Roll	S 5		S 6,3		S 8		S 10		S 12,5	
Nominal (Inch)	Outside (mm)		Tebal (mm)	Harga (Rp/Mtr)								
1/2"	20	100	2,0	6.650	-	-	-	-	-	-	-	-
3/4"	25	100	2,3	9.970	2,0	8.470	-	-	-	-	-	-
1"	32	100	3,0	16.430	2,4	13.550	2,0	13.040	1,6	9.560	-	-
1 1/4"	40	100	3,7	25.340	3,0	21.160	2,4	17.180	2,0	14.280	1,6	11.950
1 1/2"	50	100	4,6	39.290	3,7	32.620	3,0	27.150	2,4	22.350	2,0	18.530
2"	63	100	5,8	62.440	4,7	51.570	3,8	43.430	3,0	34.660	2,5	28.080
2 1/2"	75	50	6,8	87.250	5,6	73.110	4,5	59.720	3,6	49.600	2,9	40.040
3"	90	50	8,2	126.170	6,7	104.980	5,4	85.950	4,3	71.110	3,5	58.560
4"	110	6	10,0	188.080	8,1	155.230	6,6	128.360	5,3	106.370	4,2	87.250
5"	125	6	11,4	243.500	9,2	200.320	7,4	163.610	6,0	135.650	4,8	110.590
	140	6	12,7	303.340	10,3	251.530	8,3	206.350	6,7	170.310	5,4	139.250
6"	160	6	14,6	399.200	11,8	328.840	9,5	268.880	7,7	221.230	6,2	181.070
	180	6	16,4	503.350	13,3	416.710	10,7	340.570	8,6	277.880	6,9	225.290
8"	200	6	18,2	622.180	14,7	512.200	11,9	420.920	9,6	344.340	7,7	279.080
10"	250	6	22,7	973.160	18,4	801.080	14,8	654.360	11,9	532.330	9,6	435.060
12"	315	6	28,6	1.533.490	23,2	1.269.520	18,7	1.039.580	15,0	844.820	12,1	690.220
14"	355	6	32,2	1.946.120	26,1	1.587.720	21,1	1.322.650	16,9	1.072.310	13,6	873.210
16"	400	6	36,3	2.470.980	29,4	2.041.540	23,7	1.672.000	19,1	1.365.330	15,3	1.106.740

# Vinilon

## DAFTAR HARGA PIPA HDPE VINILON S 8 SDR 17 (PN 10) DAN S 10 SDR 21 (PN 8)

ND (INCH)	OD (MM)	S 8 - SDR 17 (PN 10)		S 10 - SDR 21 (PN 8)		PANJANG PIPA (METER)
		Tebal	HARGA (Rp.)	Tebal	HARGA (Rp.)	
		(mm)	BELUM TERMASUK PPN Per Meter	(mm)	BELUM TERMASUK PPN Per Meter	
1"	32	2.0	11.700	-	-	200/ROLL
1 1/4 "	40	2.4	17.900	-	-	100 / ROLL
1 1/2 "	50	3.0	27.800	-	-	100 / ROLL
2	63	3,8	44,400	3.0	35,800	5.8, 6, 11.8, 12 Btg, Untuk 100 / Roll Minimum PN10 5.8, 6, 11.8, 12 / Btg,
2 1/2"	75	4,5	62.900	3,6	51.200	Untuk 100 / Roll Minimum PN10
3"	90	5,4	90.100	4.3	73.400	5.8, 6, 11.8, 12 Btg, Untuk 50 / Roll Minimum PN10
4"	110	6,6	134.500	5.3	109.900	5.8, 6, 11.8, 12 / Btg, Untuk 50 / Roll Minimum PN10
5"	125	7,4	171.600	6.0	140.100	5.8, 6, 11.8, 12 / Btg
6"	160	9,5	280.900	7.7	230.900	5.8, 6, 11.8, 12 / Btg
7"	180	10,7	354.900	8.6	289.500	5.8, 6, 11.8, 12 / Btg
8"	200	11,9	438.300	9.6	359.300	5.8, 6, 11.8, 12 / Btg
9"	225	13,4	556.200	10.8	453.700	5.8, 6, 11.8, 12 / Btg
10"	250	14,8	681.500	11.9	554.900	5.8, 6, 11.8, 12 / Btg
12"	315	18,7	1.083.900	15.0	880.900	5.8, 6, 11.8, 12 / Btg
14"	355	21,1	1.379.600	16,9	1.117.900	5.8, 6, 11.8, 12 / Btg
16"	400	23,7	1.743.200	19,1	1.426.000	5.8, 6, 11.8, 12 / Btg
18"	450	26,7	2.562.000	21,5	2.091.600	5.8, 6, 11.8, 12 / Btg
20"	500	29,6	3.156.400	23,9	2.580.600	5.8, 6, 11.8, 12 / Btg
22"	560	33,2	3.966.200	26,7	3.230.100	5.8, 6, 11.8, 12 Btg
24"	630	37,2	5.010.900	30,0	4.080.000	5.8, 6, 11.8, 12 Btg
28"	710	42,1	6.373.500	33,9	5.194.900	5.8, 6, 11.8, 12 Btg
32"	800	47,4	8.638.700	38,1	7.038.900	5.8, 6, 11.8, 12/ Btg
36"	900	53,5	10.964.800	42,9	8.906.600	5.8, 6, 11.8, 12 Btg
40"	1000	59,3	13.506.100	47,7	11.003.800	5.8, 6, 11.8, 12 Btg
48"	1200	67,9	18.654.300	57,2	15.832.900	5.8, 6, 11.8, 12/ Btg

# Vinilon

## DAFTAR HARGA

### PIPA HDPE VINILON S 5 SDR 11 (PN 16)

### DAN S 6.3 SDR 13.6 (PN 12.5)

ND (INCH)	OD (mm)	S 5 - SDR 11 (PN 16)		S 6,3 - SDR 13,6 (PN 12,5)		PANJANG PIPA (METER)
		Tebal (mm)	HARGA (Rp.)	Tebal (mm)	HARGA (Rp.)	
			BELUM TERMASUK PPN Per Meter		BELUM TERMASUK PPN Per Meter	
1/2"	20	2.0	7.500	-	-	200 / ROLL
3/4"	25	2.3	10.500	2.0	9.200	200/ROLL
1"	32	3.0	16.700	2,4	14.100	200 / ROLL
1 1/4 "	40	3.7	26.600	3.0	22.200	100 / ROLL
1 1/2 "	50	4.6	41.300	3,7	33.900	100 / ROLL
2"	63	5.8	65.500	4,7	54.300	5.8, 6, 11.8, 12 / Btg, Untuk 100 / Roll Minimum PN10
2 1/2"	75	6.8	90.700	5,6	75.400	5.8, 6, 11.8, 12 / Btg, Untuk 100 / Roll Minimum PN10
3"	90	8.2	132.100	6,7	108.000	5.8, 6, 11.8, 12 / Btg, Untuk 50 / Roll Minimum PN10
4"	110	10.0	195.700	8,1	162.300	Untuk 50 / Roll Minimum PN10
5"	125	11,4	253.700	9,2	209.300	5.8, 6, 11.8, 12 / Btg
6"	160	14,6	414.800	11,8	342.600	5.8, 6, 11.8, 12 / Btg
7"	180	16,4	524.600	13,3	434.500	5.8, 6, 11.8, 12 / Btg
8"	200	18,2	646.900	14,7	532.700	5.8,6,11.8, 12 / Btg
9"	225	20,5	818.500	16,6	676.600	5.8, 6, 11.8, 12 / Btg
10"	250	22,7	1.006.800	18,4	833.300	5.8, 6, 11.8, 12 / Btg
12"	315	28,6	1.598.200	23,2	1.323.400	5.8, 6, 11.8, 12 / Btg
14"	355	32,2	2.028.400	26,1	1.677.800	5.8, 6, 11.8, 12 / Btg
16"	400	36,3	2.575.400	29,4	2.128.400	5.8, 6, 11.8, 12 / Btg
18"	450	40,9	3.782.900	33,1	3.127.000	5.8, 6, 11.8, 12 / Btg
20"	500	45,4	4.667.900	36,8	3.858.800	5.8, 6, 11.8, 12 / Btg
22"	560	50,8	5.848.000	41,2	4.841.200	5.8, 6, 11.8, 12 / Btg
24"	630	57,2	7.409.000	46,3	6.118.700	5.8, 6, 11.8, 12 / Btg
28"	710	64,5	9.441.100	52,2	7.773.400	5.8, 6, 11.8, 12 / Btg
32"	800	72,6	12.798.000	58,8	10.572.900	5.8, 6, 11.8, 12 / Btg
36"	900	-	-	66,2	13.394.300	5.8, 6, 11.8, 12 / Btg
40"	1000	-	-	72,5	16.313.600	5.8, 6, 11.8, 12 / Btg
48"	1200	-	-	88,2	23.780.400	5.8, 6, 11.8, 12 / Btg

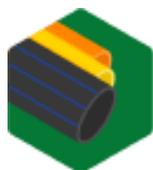
### DAFTAR HARGA PIPA HDPE RUBY

IDN		Tebal	Harga
Inch	mm	mm	
	16	13	676.470
	16	14	494.650
1/2	20	16	650.000
3/4	25	20	1.044.150

### DAFTAR HARGA PIPA CONDUIT

Ukuran		Jenis	Harga
Inch	m		
20mm	2,9	HDPE Conduit Putih	7.610
5/8	3,9	HPE Putih	6.340
5/8	4	HDPE Hitam	5.865
5/8	3,9	PVC Putih	5.550

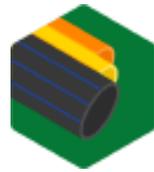
Note : Panjang @200m



**ALVA**pipe

HIGH QUALITY HDPE PIPE

Dimension	SDR 11	SDR 13.6	SDR 17	SDR 21	SDR 26
OD	PN 16	PN 12,5	PN 10	PN 8	PN 6,3
(mm)	(/m)	(/m)	(/m)	(/m)	(/m)
20	Rp 7.700	Rp 5.600	Rp 5.600	Rp 5.400	Rp 5.600
25	Rp 9.900	Rp 8.250	Rp 7.050	Rp 6.900	Rp 7.050
32	Rp 16.200	Rp 13.400	Rp 10.750	Rp 9.000	Rp 9.150
40	Rp 25.000	Rp 20.900	Rp 17.000	Rp 12.000	Rp 11.550
50	Rp 38.750	Rp 31.900	Rp 26.250	Rp 23.500	Rp 18.050
63	Rp 61.250	Rp 50.800	Rp 41.800	Rp 37.250	Rp 27.350
75	Rp 85.500	Rp 72.000	Rp 59.100	Rp 48.000	Rp 39.350
90	Rp 123.900	Rp 103.100	Rp 84.900	Rp 68.850	Rp 56.100
110	Rp 183.650	Rp 152.650	Rp 126.200	Rp 103.200	Rp 85.000
125	Rp 238.350	Rp 196.800	Rp 161.000	Rp 131.900	Rp 107.200
140	Rp 297.000	Rp 246.300	Rp 202.100	Rp 165.200	Rp 134.750
160	Rp 389.840	Rp 321.550	Rp 263.800	Rp 216.600	Rp 176.000
180	Rp 492.750	Rp 480.200	Rp 333.700	Rp 272.200	Rp 221.300
200	Rp 607.550	Rp 500.500	Rp 411.700	Rp 337.250	Rp 273.350
225	Rp 769.100	Rp 635.600	Rp 522.200	Rp 426.150	Rp 343.850



Dimension	SDR 11	SDR 13.6	SDR 17	SDR 21	SDR 26
OD	PN 16	PN 12,5	PN 10	PN 8	PN 6,3
(mm)	(/m)	(/m)	(/m)	(/m)	(/m)
250	Rp 946.850	Rp 782.400	Rp 640.000	Rp 521.700	Rp 426.650
280	Rp 1.185.800	Rp 979.000	Rp 804.000	Rp 658.300	Rp 531.400
315	Rp 1.502.600	Rp 1.241.550	Rp 1.018.050	Rp 827.300	Rp 677.700
355	Rp 1.905.100	Rp 1.576.300	Rp 1.295.600	Rp 1.050.500	Rp 855.350
400	Rp 2.418.800	Rp 2.000.000	Rp 1.637.450	Rp 1.339.250	Rp 1.084.700
450	Rp 3.063.700	Rp 2.531.250	Rp 2.074.600	Rp 1.693.750	Rp 1.371.500
500	Rp 3.779.400	Rp 3.121.500	Rp 2.555.600	Rp 2.089.650	Rp 1.691.700
560	Rp 4.734.750	Rp 3.924.200	Rp 3.211.200	Rp 2.612.400	Rp 2.120.600
630	Rp 5.999.000	Rp 4.956.300	Rp 4.057.350	Rp 3.303.750	Rp 2.687.000
710	Rp 8.739.500	Rp 7.196.200	Rp 5.900.400	Rp 4.809.200	Rp 3.834.600

**Terms & Conditions :**

- Harga belum termasuk PPN 11%
- Validity harga sampai dengan tanggal 31 Desember 2025

**Note :**

*Penawaran Harga ini tidak mengikat, sewaktu-waktu harga dapat berubah.*

## FITTING HDPE - COMPRESSION

MALE THREAD ADAPTOR		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	7.900
	20 X 3/4"	7.900
	20 X 1"	11.500
	25 X 1/2"	11.500
	25 X 3/4"	11.900
	25 X 1"	12.300
	32 X 1/2"	13.100
	32 X 3/4"	14.300
	32 X 1"	15.000
	32 X 1 1/4"	17.800
	40 X 3/4"	28.500
	40 X 1"	29.200
	40 X 1 1/4"	29.200
	40 X 1 1/2"	30.000
	50 X 1 1/4"	41.100
	50 X 1 1/2"	41.100
	50 X 2"	41.500
	63 X 1 1/2"	60.800
	63 X 2"	61.200
	75 X 2"	131.400
75 X 2 1/2"	131.400	
90 X 3"	135.400	
110 X 4"	302.300	

FEMALE THREAD ADAPTOR		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	9.500
	20 X 3/4"	9.500
	25 X 1/2"	12.700
	25 X 3/4"	12.700
	25 X 1"	13.900
	32 X 3/4"	16.200
	32 X 1"	17.800
	32 X 1 1/4"	19.000
	40 X 1"	31.600
	40 X 1 1/4"	31.600
	40 X 1 1/2"	32.400
	50 X 1 1/2"	64.000
	50 X 2"	73.800
	63 X 1 1/2"	86.500
	63 X 2"	97.500
	75 X 2"	158.300
	75 X 2 1/2"	158.300
90 X 3"	195.000	
110 X 4"	355.600	

END CUP		
	Size (mm)	Harga (Rp.)
	20	7.900
	25	11.100
	32	14.600
	40	28.900
	50	40.300
	63	61.200
	75	128.700
	90	134.200
	110	388.700

STRAIGHT COUPLER		
	Size (mm)	Harga (Rp.)
	20	15.000
	25	20.200
	32	27.300
	40 (PN 10)	50.600
	40	43.500
	50	71.100
	63	111.700
	75	223.800
	90	-
	110	517.700

## FITTING HDPE - COMPRESSION

### REDUCING COUPLER

	Size (mm)	Harga (Rp.)
	25 X 20	16.200
32 X 20	20.600	
32 X 25	22.500	
40 X 20	34.400	
40 X 25	36.400	
40 X 32	39.100	
50 X 20	50.600	
50 X 25	50.600	
50 X 32	53.300	
50 X 40	63.200	
63 X 25	80.900	
63 X 32	81.300	
63 X 40	84.100	
63 X 50	93.200	
75 X 40	178.400	
75 X 50	178.400	
75 X 63	178.400	
90 X 63	182.000	
90 X 75	210.000	
110 X 90	507.900	

### EQUAL TEE

	Size (mm)	Harga (Rp.)
	20 X 20	21.800
25 X 25	30.400	
32 X 32	41.500	
40 X 40	79.800	
50 X 50	114.100	
63 X 63	187.900	
75 X 75	353.600	
90 X 90	372.100	
110 X 110	818.000	

### MALE TEE

	Size (mm)	Harga (Rp.)
	20 X 1/2"	16.200
20 X 3/4"	16.200	
25 X 1/2"	22.500	
25 X 3/4"	22.500	
25 X 1"	23.300	
32 X 3/4"	30.400	
32 X 1"	32.400	
40 X 1"	57.700	
40 X 1 1/4"	57.700	
50 X 1 1/4"	87.300	
50 X 1 1/2"	87.300	
63 X 2"	136.200	
75 X 2"	276.700	
75 X 2 1/2"	276.700	
90 X 3"	293.600	
110 X 4"	532.700	

### FEMALE TEE

	Size (mm)	Harga (Rp.)
	20 X 1/2"	16.600
20 X 3/4"	16.600	
25 X 1/2"	23.300	
25 X 3/4"	24.100	
25 X 1"	28.900	
32 X 3/4"	32.800	
32 X 1"	34.000	
32 X 1 1/4"	34.000	
40 X 1"	66.300	
40 X 1 1/4"	66.300	
40 X 1 1/2"	66.300	
50 X 1 1/2"	95.500	
50 X 2"	96.700	
63 X 1 1/2"	149.200	
63 X 2"	149.200	
75 X 2 1/2"	288.900	
90 X 3"	288.900	
110 X 4"	565.900	

## FITTING HDPE - COMPRESSION

### MALE ELBOW

	Size (mm)	Harga (Rp.)
	20 X 1/2"	9.900
	20 X 3/4"	9.900
	25 X 1/2"	12.700
	25 X 3/4"	13.100
	25 X 1"	13.900
	32 X 3/4"	17.800
	32 X 1"	18.600
	40 X 1"	36.000
	40 X 1 1/4"	36.000
	40 X 1 1/2"	36.000
	50 X 1 1/2"	50.600
	50 X 2"	52.100
	50 X 1"	52.500
	63 X 2"	73.800
	75 X 2"	161.000
	75 X 2 1/2"	161.000
	90 X 3"	163.800
	110 X 4"	319.700

### FEMALE ELBOW

	Size (mm)	Harga (Rp.)
	20 X 1/2"	10.700
	20 X 3/4"	11.100
	25 X 1/2"	13.500
	25 X 3/4"	13.900
	25 X 1"	14.600
	32 X 1/2"	19.800
	32 X 3/4"	19.400
	32 X 1"	20.600
	32 X 1 1/4"	20.600
	40 X 1"	34.800
	40 X 1 1/4"	35.600
	40 X 1 1/2"	35.600
	50 X 1 1/4"	60.400
	50 X 1 1/2"	71.900
	50 X 2"	83.700
	63 X 1 1/2"	94.800
	63 X 2"	107.000
	75 X 2 1/2"	172.500
90 X 3"	231.300	
110 X 4"	374.500	

### REDUCING TEE

	Size (mm)	Harga (Rp.)
	25 X 20	27.700
	32 X 20	36.700
	32 X 25	38.300
	40 X 25	73.800
	40 X 32	73.800
	50 X 25	94.400
	50 X 32	97.100
	50 X 40	106.200
	63 X 32	161.800
	63 X 40	161.800
	63 X 50	168.500
	75 X 40	353.200
	75 X 50	353.200
	75 X 63	353.200
	90 X 63	380.000
	90 X 75	394.600
110 X 90	922.600	

### ELBOW 90°

	Size (mm)	Harga (Rp.)
	20 X 20	15.800
	25 X 25	21.000
	32 X 32	30.000
	40 X 40	55.700
	50 X 50	79.800
	63 X 63	126.700
	75 X 75	246.700
	90 X 90	256.500
	110 X 110	573.400

## FITTING HDPE - COMPRESSION

### CLAMP SADDLE



Size (mm)	Harga (Rp.)
32 X 1/2"	30.800
32 X 3/4"	30.800
32 X 1"	32.400
40 X 1/2"	32.800
40 X 3/4"	32.800
40 X 1"	35.200
50 X 1/2"	31.600
50 X 3/4"	31.600
50 X 1"	32.400
63 X 1/2"	49.800
63 X 3/4"	49.800
63 X 1"	51.000
63 X 1 1/4"	56.100
75 X 1/2"	78.200
75 X 3/4"	78.200
75 X 1"	80.500
75 X 1 1/4"	80.500
75 X 1 1/2"	83.700
75 X 2"	86.900
90 X 1/2"	86.900
90 X 3/4"	86.900
90 X 1"	90.400
90 X 1 1/4"	98.700
90 X 1 1/2"	102.600
90 X 2"	103.400
110 X 1/2"	117.600
110 X 3/4"	117.600

Size (mm)	Harga (Rp.)
110 X 1"	120.800
110 X 1 1/4"	126.700
110 X 1 1/2"	133.800
110 X 2"	130.300
125 X 3/4"	134.200
125 X 1"	140.100
125 X 1 1/4"	146.000
125 X 2"	146.000
160 X 1/2"	201.700
160 X 3/4"	200.500
160 X 1"	201.300
160 X 1 1/4"	208.400
160 X 1 1/2"	207.200
160 X 2"	207.200
180 X 3/4"	271.900
180 X 1"	301.900
180 X 1 1/4"	313.700
180 X 1 1/2"	313.700
180 X 2"	313.700
200 X 3/4"	327.200
200 X 1"	409.600
200 X 1 1/4"	413.600
200 X 1 1/2"	396.600
200 X 2"	396.600
225 X 3/4"	455.100
225 X 1"	446.300
225 X 1 1/4"	451.500
225 X 2"	451.500

## FITTING HDPE - COMPRESSION

NIPPLE		
	Size (mm)	Harga (Rp.)
	1/2" X 1/2"	3.200
	3/4" X 3/4"	5.600
	1" X 1"	6.800
	1 1/2" X 1 1/2"	15.000
	2" X 2"	16.600

REDUCER NIPPLE		
	Size (mm)	Harga (Rp.)
	3/4" X 1/2"	5.600
	1" X 3/4"	7.500
	1" X 1 1/2"	8.200
	2" X 1 1/2"	15.800
	2" X 2"	17.500

FERRULE		
	Size (mm)	Harga (Rp.)
	1" X 3/4"	137.800
	1" X 1"	129.100
	1 1/4" X 1/2"	142.900
	1 1/4" X 1"	131.800
	1 1/4" X 20	130.300
	1 1/4" X 25	133.800
	1 1/4" X 32	134.600
	1" X 20	129.500
	1" X 25	132.200
	1" X 32	134.600

BUSH		
	Size (mm)	Harga (Rp.)
	3/4" x 1/2"	2.000
	1" x 1/2"	2.500
	1" x 3/4"	2.500

## FITTING HDPE POLLYPUSH - COMPRESSION

### MALE THREAD ADAPTOR

	Size (mm)	Harga (Rp.)
	20 X 1/2"	8.800
20 X 3/4"	8.800	
25 X 1/2"	11.440	
25 X 3/4"	11.440	
25 X 1"	16.720	
32 X 3/4"	16.720	
32 X 1"	16.720	
40 X 1 1/4"	42.240	
40 X 1 1/2"	47.520	
50 X 1 1/4"	47.520	
50 X 1 1/2"	47.520	
50 X 2"	58.080	
63 X 1 1/2"	70.400	
63 X 2"	70.400	
75 X 2 1/2"	101.000	
90 X 3"	193.600	
110 X 4"	289.500	

### FEMALE THREAD ADAPTOR

	Size (mm)	Harga (Rp.)
	20 X 1/2"	11.400
25 X 1/2"	13.200	
25 X 3/4"	13.200	
32 X 3/4"	20.240	
32 X 1"	20.240	
50 X 1 1/2"	60.720	
63 X 2"	95.040	
90 X 3"	155.384	
75 X 2 1/2"	325.194	
110 X 4"	110.800	

### END CUP

	Size (mm)	Harga (Rp.)
	20	7.040
25	9.680	
32	15.840	
40	33.440	
50	38.720	
63	68.640	
75	128.000	
90	168.960	
110	282.900	

### STRAIGHT COUPLER

	Size (mm)	Harga (Rp.)
	20	13.200
25	17.600	
32	28.160	
40	63.800	
50	73.920	
63	123.200	
75	198.000	
90	264.000	
110	572.000	

## FITTING HDPE POLLYPUSH - COMPRESSION

REDUCING COUPLER		
	Size (mm)	Harga (Rp.)
	25 X 20	17.600
	32 X 20	22.880
	32 X 25	22.880
	40 X 20	39.500
	40 X 25	52.800
	40 X 32	52.800
	50 X 20	59.840
	50 X 25	59.840
	50 X 32	59.840
	50 X 40	79.200
	63 X 20	87.000
	63 X 25	96.800
	63 X 32	105.600
	63 X 40	105.600
	63 X 50	109.120
	75 X 63	149.000
90 X 63	242.880	
90 X 75	240.000	
110 X 63	375.000	
110 X 90	400.000	

EQUAL TEE		
	Size (mm)	Harga (Rp.)
	20 X 20	21.120
	25 X 25	28.160
	32 X 32	44.000
	40 X 40	110.880
	50 X 50	121.440
	63 X 63	198.880
	75 X 75	270.000
	90 X 90	492.000
	110 X 110	755.000

MALE TEE		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	18.000
	25 X 3/4"	23.000

FEMALE TEE		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	18.000
	25 X 3/4"	23.000



## FITTING HDPE POLLYPUSH - COMPRESSION

### MALE ELBOW

	Size (mm)	Harga (Rp.)
	20 X 1/2"	9.680
	20 X 3/4"	15.480
	25 X 1/2"	14.080
	25 X 3/4"	14.850
	25 X 1"	14.850
	32 X 3/4"	22.880
	32 X 1"	22.880
	40 X 1 1/4"	51.040
	50 X 1 1/2"	56.000
	63 X 2"	93.880
	90 X 3"	272.800

### FEMALE ELBOW

	Size (mm)	Harga (Rp.)
	20 X 1/2"	11.440
	25 X 1/2"	15.840
	25 X 3/4"	15.840
	25 X 1"	15.840
	32 X 3/4"	26.400
	32 X 1"	26.400
	50 X 1 1/2"	61.000
	63 X 2"	98.900

### REDUCING TEE

	Size (mm)	Harga (Rp.)
	25 X 20	28.160
	32 X 20	38.720
	32 X 25	40.480
	40 X 25	97.400
	40 X 32	97.400
	50 X 32	95.000
	50 X 40	104.000
	63 X 20	150.300
	63 X 32	152.000
	63 X 40	162.000
	63 X 50	162.000
	75 X 63	265.000
	90 X 63	402.000
	90 X 75	410.000
110 X 63	800.000	
110 X 90	800.000	

### ELBOW 90°

	Size (mm)	Harga (Rp.)
	20 X 20	14.080
	25 X 25	17.600
	32 X 32	29.920
	40 X 40	70.400
	50 X 50	84.480
	63 X 63	128.480
	75 X 75	242.000
	90 X 90	334.400
110 X 110	552.600	

### BALL VALVE

	Size (mm)	Harga (Rp.)
	20	50.500
	25	79.500
	32	98.000
	50	207.500
	63	315.550
	90	745.000
	110	1.368.000

## FITTING HDPE POLLYPUSH - COMPRESSION

### CLAMP SADDLE



Size (mm)	Harga (Rp.)
32 X 1/2"	29.040
32 X 3/4"	29.040
32 X 1"	29.040
40 X 1/2"	35.200
40 X 3/4"	35.200
40 X 1"	35.200
50 X 1/2"	36.960
50 X 3/4"	36.960
50 X 1"	36.960
63 X 1/2"	45.760
63 X 3/4"	45.760
63 X 1"	45.760
63 X 1 1/4"	45.000
75 X 1/2"	82.300
90 X 1/2"	88.000
90 X 3/4"	88.000
90 X 1"	88.000
90 X 1 1/4"	92.000
90 X 1 1/2"	92.000
90 X 2"	118.800
110 X 1/2"	118.800
110 X 3/4"	118.800

Size (mm)	Harga (Rp.)
110 X 1"	118.800
110 X 1 1/4"	118.800
110 X 1 1/2"	118.800
110 X 2"	126.720
160 X 1/2"	202.400
160 X 3/4"	202.400
160 X 1"	202.400
160 X 1 1/2"	211.200
160 X 2"	211.200
200 X 1/2"	245.000
200 X 1"	260.000
200 X 1 1/4"	250.000
200 X 1 1/2"	250.000
200 X 2"	320.000
200 X 3"	357.000

## FITTING HDPE IRIPLAST - COMPRESSION

### MALE THREAD ADAPTOR

	Size (mm)	Harga (Rp.)
	20 X 1/2"	6.500
	25 X 3/4"	11.000
	32 X 1"	15.000
	32 X 1 1/4"	27.000
	40 X 1 1/4"	42.000
	50 X 1 1/2"	68.000
	75 X 2 1/2"	100.000
	90 X 3"	160.000
	110 X 4"	280.000

### FEMALE THREAD ADAPTOR

	Size (mm)	Harga (Rp.)
	20 X 1/2"	6.500
	25 X 3/4"	11.000
	32 X 1"	20.000
	40 X 1 1/4"	27.000
	50 X 1 1/2"	42.000
	63 X 2"	68.000
	75 X 2 1/2"	100.000
	90 X 3"	160.000

### FLANGE ADAPTOR

	Size (mm)	Harga (Rp.)
	63	320.000
	75	390.000
	90	450.000
	110	700.000

### STRAIGHT COUPLER

	Size (mm)	Harga (Rp.)
	20 X 20	11.000
	25 X 25	18.000
	32 X 32	28.000
	40 X 40	45.000
	50 X 50	70.000
	63 X 63	115.000
	75 X 75	180.000
	90 X 90	270.000
	110 X 110	520.000

### END CUP

	Size (mm)	Harga (Rp.)
	20	7.000
	25	10.000
	32	18.000
	40	26.000
	50	38.000
	63	74.000
	75	105.000
	90	150.000
110	284.000	

## FITTING HDPE IRIPLAST - COMPRESSION

REDUCING TEE		
	Size (mm)	Harga (Rp.)
	25 X 20	28.000
	32 X 20	37.000
	32 X 25	39.000
	40 X 20	60.000
	40 X 25	62.000
	40 X 32	64.000
	50 X 20	100.000
	50 X 25	102.000
	50 X 32	104.000
	50 X 40	106.000
	60 X 20	157.000
	63 X 25	157.000
	63 X 32	157.000
	63 X 40	162.000
	63 X 50	165.000
	75 X 50	275.000
	75 X 63	285.000
	90 X 63	440.000
	90 X 75	450.000
110 X 63	-	
110 X 90	-	

FEMALE TEE		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	15.000
	25 X 1/2"	22.000
	25 X 3/4 "	22.000
	32 X 3/4"	36.000

EQUAL TEE		
	Size (mm)	Harga (Rp.)
	20 X 20	18.000
	25 X 25	28.000
	32 X 32	46.000
	40 X 40	70.000
	50 X 50	110.000
	63 X 63	195.000
	75 X 75	290.000
	90 X 90	450.000
	110 X 110	720.000

MALE TEE		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	
	20 X 3/4"	
	25 X 1/2"	
	25 X 3/4"	
	25 X 1"	
	32 X 3/4"	
	32 X 1"	
	40 X 1"	
	40 X 1 1/4"	
	50 X 1 1/4"	
	50 X 1 1/2"	
	63 X 2"	
	75 X 2"	
	75 X 2 1/2"	
	90 X 3"	
110 X 4"		

## FITTING HDPE IRIPLAST - COMPRESSION

### MALE ELBOW

	Size (mm)	Harga (Rp.)
	20 X 1/2"	7.200
	20 X 3/4"	7.500
	25 X 1/2"	13.500
	25 X 3/4"	13.500

### BALL VALVE

	Size (mm)	Harga (Rp.)
	20	34.000
	25	56.000
	32	80.000
	40	146.000
	50	235.000
	63	365.000
	75	520.000
	90	690.000
	110	1.300.000

### REDUCING COUPLER

	Size (mm)	Harga (Rp.)
	25 X 20	18.000
	32 X 20	22.000
	32 X 25	23.000
	40 X 20	33.500
	40 X 25	34.000
	40 X 32	35.000
	50 X 20	70.000
	50 X 25	70.000
	50 X 32	70.000
	50 X 40	73.000
	63 X 20	96.000
	63 X 35	96.000
	63 X 32	96.000
	63 X 40	100.000
	63 X 50	105.000
	75 X 50	148.000
	75 X 63	150.000
	90 X 32	200.000
90 X 50	215.000	
90 X 63	220.000	
90 X 75	240.000	
110 X 63	-	
110 X 90	-	

### ELBOW 90°

	Size (mm)	Harga (Rp.)
	20 X 20	12.000
	25 X 25	17.000
	32 X 32	29.000
	40 X 40	44.000
	50 X 50	78.000
	63 X 63	123.000
	75 X 75	220.000
	90 X 90	320.000
	110 X 110	550.000

### FERRULE

	Size (mm)	Harga (Rp.)
	20 X 1 1/4"	115.000
	20 X 1 1/4"	120.000

## FITTING HDPE IRIPLAST - COMPRESSION

### CLAMP SADDLE



Size (mm)	Harga (Rp.)
32 X 1/2"	15.500
32 X 3/4"	16.000
40 X 1/2"	23.000
40 X 3/4"	23.500
50 X 1/2"	26.000
50 X 3/4"	26.500
50 X 1"	28.000
50 X 1 1/4"	34.000
63 X 1/2"	30.000
63 X 3/4"	31.000
63 X 1"	35.000
63 X 1 1/4"	36.000
63 X 1 1/2"	37.000
75 X 1/2"	40.000
75 X 3/4"	40.500

Size (mm)	Harga (Rp.)
75 X 1"	41.000
75 X 1 1/4"	51.000
75 X 1 1/2"	51.000
90 X 1/2"	39.000
90 X 3/4"	40.000
90 X 1"	42.000
90 X 1 1/4"	44.000
90 X 1 1/2"	45.000
90 X 2"	55.000
110 X 1/2"	56.000
110 X 3/4"	56.500
110 X 1"	57.000
110 X 1 1/4"	72.000
110 X 1 1/2"	74.000
110 X 2"	76.000

## BUTT FUSION HDPE - SMART JOINT

STUB END						
	Size	Harga (Rp.)	Size	Harga (Rp.)	Size	Harga (Rp.)
	SDR 11 40 MM	26.800	SDR 11 560 MM	10.721.300	SDR 17 315 MM	1.855.000
	SDR 11 50 MM	39.500	SDR 11 630 MM	9.949.000	SDR 17 315 MM (LONG)	1.894.000
	SDR 11 63 MM	72.300	SDR 11 710 MM	15.540.000	SDR 17 355 MM	2.447.000
	SDR 11 63 MM (LONG)	97.800	SDR 11 800 MM	19.722.800	SDR 17 400 MM	3.161.500
	SDR 1175 MM	101.800	SDR 17 63 MM	59.300	SDR 17 450 MM	5.046.300
	SDR 11 90 MM	175.000	SDR 17 75 MM	81.500	SDR 17 560 MM	6.772.500
	SDR 11 110 MM	260.300	SDR 17 90 MM	139.800	SDR 17 630 MM	6.613.000
	SDR 11 110 MM (LONG)	301.300	SDR 17 90 MM (LONG)	158.800	SDR 17 710 MM	10.072.800
	SDR 11 125 MM	276.000	SDR 17 110 MM	201.500	SDR 17 710 MM (LONG)	11.596.300
	SDR 11 140 MM	380.800	SDR 17 110 MM (LONG)	227.800	SDR 17 800 MM	13.387.800
	SDR 11 160 MM	616.300	SDR 17 125 MM	186.500	SDR 17 800 MM (LONG)	15.412.800
	SDR 11 180 MM	573.000	SDR 17 140 MM	287.500	SDR 17 900 MM	17.785.500
	SDR 11 200 MM	1.075.800	SDR 17 160 MM	479.000	SDR 17 900 MM (LONG)	22.018.300
	SDR 11 225 MM	1.151.800	SDR 17 160 MM (LONG)	506.800	SDR 17 1000 MM	23.944.800
	SDR 11 250 MM	1.662.800	SDR 17 180 MM	418.500	SDR 17 1100 MM	28.667.800
	SDR 11 280 MM	1.731.500	SDR 17 200 MM	832.300	SDR 17 1200 MM	35.669.500
	SDR 11 315 MM	2.606.800	SDR 17 200 MM (LONG)	881.000	SDR 17 1600 MM	92.079.500
	SDR 11 355 MM	3.585.000	SDR 17 225 MM	846.500	SDR 21 1400 MM	51.126.000
	SDR 11 400 MM	4.651.500	SDR 17 250 MM	1.288.300	SDR 26 1400 MM	51.126.000
	SDR 11 450 MM	7.478.000	SDR 17 250 MM (LONG)	1.321.500	SDR 21 1600 MM	88.506.000
SDR 11 500 MM	7.309.000	SDR 17 280 MM	1.240.800	SDR 26 1600 MM	88.506.000	



## BUTT FUSION HDPE - SMART JOINT

LONG REDUCER						
	Size	Harga (Rp.)	Size	Harga (Rp.)	Size	Harga (Rp.)
	SDR 11 25-20	10.800	SDR 11 160-160	759.800	SDR 17 90-50	85.000
	SDR 11 32-25	12.800	SDR 11 200-110	710.300	SDR 17 90-63	88.300
	SDR 11 40-32	14.000	SDR 11 200-125	819.500	SDR 17 90-75	92.000
	SDR 11 50-40	18.300	SDR 11 200-160	759.800	SDR 17 110-50	139.000
	SDR 11 63-32	45.800	SDR 11 200-180	845.800	SDR 17 110-63	148.000
	SDR 11 63-40	49.800	SDR 11 225-110	1.057.300	SDR 17 110-75	157.500
	SDR 11 63-50	49.800	SDR 11 225-160	1.149.500	SDR 17 110-90	158.800
	SDR 11 75-50	79.500	SDR 11 225-200	1.172.800	SDR 17 125-63	225.500
	SDR 11 75-63	82.800	SDR 11 250-160	1.339.300	SDR 17 125-75	257.800
	SDR 11 90-50	85.000	SDR 11 250-200	1.409.300	SDR 17 125-90	264.500
	SDR 11 90-63	88.300	SDR 11 250-225	1.678.000	SDR 17 125-110	271.300
	SDR 11 90-75	92.000	SDR 11 280-200	2.147.000	SDR 17 160-63	282.300
	SDR 11 110-50	139.000	SDR 11 280-225	2.391.500	SDR 17 160-90	320.800
	SDR 11 110-63	148.000	SDR 11 280-250	2.926.500	SDR 17 160-110	327.800
	SDR 11 110-75	157.500	SDR 11 315-200	2.609.300	SDR 17 160-125	396.500
	SDR 11 110-90	158.800	SDR 11 315-225	2.688.800	SDR 17 160-140	403.300
	SDR 11 125-63	231.300	SDR 11 315-250	3.223.800	SDR 17 180-160	627.800
	SDR 11 125-75	238.000	SDR 11 315-280	3.289.800	SDR 17 200-110	634.500
	SDR 11 125-90	247.800	SDR 11 355-110	2.312.000	SDR 17 200-125	726.800
	SDR 11 125-110	281.000	SDR 11 355-160	2.510.300	SDR 17 200-160	759.800
	SDR 11 160-63	409.800	SDR 11 355-200	2.642.500	SDR 17 200-180	793.000
	SDR 11 160-90	429.500	SDR 11 355-225	2.807.500	SDR 17 225-110	826.000
	SDR 11 160-110	436.300	SDR 11 355-315	3.435.300	SDR 17 225-160	872.300
	SDR 11 160-125	462.500	SDR 11 75-50	79.500	SDR 17 225-180	1.057.300
SDR 11 160-140	515.300	SDR 11 75-63	82.800	SDR 17 225-200	1.090.300	

## BUTT FUSION HDPE - SMART JOINT

REDUCER						
	Size	Harga (Rp.)	Size	Harga (Rp.)	Size	Harga (Rp.)
	SDR 17 250-160	986.500	SDR 17 400-200	2.147.000	SDR 11 450-180	6.341.500
	SDR 17 250-200	1.156.300	SDR 17 400-250	2.378.300	SDR 11 500-450	5.813.000
	SDR 17 250-225	1.364.300	SDR 17 400-250	3.451.800	SDR 11 500-400	5.945.000
	SDR 17 280-200	1.800.000	SDR 17 400-280	4.001.800	SDR 11 500-355	6.130.000
	SDR 17 280-225	1.849.800	SDR 17 400-315	3.581.800	SDR 11 500-315	6.368.000
	SDR 17 280-250	2.279.000	SDR 11 400-355	2.906.800	SDR 11 500-280	6.526.300
	SDR 17 315-110	2.051.800	SDR 11 400-315	3.211.800	SDR 11 500-250	6.770.800
	SDR 17 315-125	2.146.300	SDR 11 400-280	3.502.500	SDR 11 500-225	7.596.500
	SDR 17 315-140	2.177.800	SDR 11 400-250	3.633.000	SDR 11 500-200	8.058.800
	SDR 17 315-160	2.272.500	SDR 11 400-225	4.105.500	SDR 11 560-500	8.455.300
	SDR 17 315-160	2.367.300	SDR 11 400-200	4.534.300	SDR 11 560-450	8.759.000
	SDR 17 315-200	2.312.000	SDR 11 400-180	5.035.800	SDR 11 560-400	9.155.500
	SDR 17 315-225	2.378.300	SDR 11 400-160	5.284.800	SDR 11 560-355	9.578.000
	SDR 17 315-250	2.477.300	SDR 11 450-400	4.293.800	SDR 11 560-315	9.908.300
	SDR 17 315-280	2.576.300	SDR 11 450-355	4.359.800	SDR 11 560-280	10.304.800
	SDR 17 355-110	2.312.000	SDR 11 450-315	4.518.500	SDR 11 630-560	11.625.800
	SDR 17 355-160	2.510.300	SDR 11 450-280	4.769.500	SDR 11 630-500	11.890.000
	SDR 17 355-200	2.642.500	SDR 11 450-250	5.258.300	SDR 11 630-450	12.187.300
	SDR 17 355-225	2.807.500	SDR 11 450-225	5.641.300	SDR 11 630-400	13.112.000
	SDR 17 355-315	2.972.800	SDR 11 450-200	5.997.800	SDR 11 630-355	13.363.000
	SDR 17 450-400	5.284.800	SDR 11 800-560	28.852.800	SDR 11 710-450	27.214.500
	SDR 17 500-400	5.284.800	SDR 11 800-500	29.215.800	SDR 11 710-400	27.743.000
	SDR 17 500-450	5.284.800	SDR 11 800-450	29.632.000	SDR 11 710-355	28.112.800
	SDR 17 560-400	9.908.300	SDR 11 800-400	29.883.000	SDR 11 800-710	28.403.500
	SDR 17 560-450	9.908.300	SDR 11 800-355	30.253.000	SDR 11 800-630	28.548.800

## BUTT FUSION HDPE - SMART JOINT

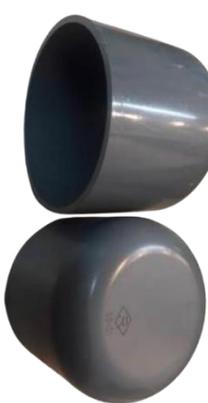
ELBOW 90°						
	Size	Harga (Rp.)	Size	Harga (Rp.)	Size	Harga (Rp.)
	SDR 11 40 MM	45.800	SDR 11 250 MM	3.298.500	SDR 17 1 40 MM	515.300
	SDR 11 50 MM	53.300	SDR 11 280 MM	6.394.300	SDR 17 160 MM	620.500
	SDR 11 63 MM	92.800	SDR 11 315 MM	6.638.800	SDR 17 180 MM	875.500
	SDR 11 75 MM	141.000	SDR 11 355 MM	7.504.000	SDR 17 200 MM	1.288.300
	SDR 11 90 MM	213.000	SDR 11 400 MM	10.086.800	SDR 17 225 MM	1.761.800
	SDR 11 110 MM	317.500	SDR 17 40 MM	45.800	SDR 17 250 MM	2.249.500
	SDR 11 125 MM	444.000	SDR 17 50 MM	53.300	SDR 17 280 MM	2.959.500
	SDR 11 140 MM	647.500	SDR 17 63 MM	67.000	SDR 17 315 MM	5.099.500
	SDR 11 160 MM	849.000	SDR 17 75 MM	106.000	SDR 17 355 MM	7.089.800
	SDR 11 180 MM	1.275.000	SDR 17 90 MM	165.300	SDR 17 400 MM	7.783.300
	SDR 11 200 MM	1.750.800	SDR 17 110 MM	243.300		
	SDR 11 225 MM	2.219.800	SDR 17 125 MM	335.300		

## BUTT FUSION HDPE - SMART JOINT

ELBOW 45°						
	Size	Harga (Rp.)	Size	Harga (Rp.)	Size	Harga (Rp.)
	SDR 11 40 MM	35.300	SDR 11 250 MM	2.219.800	SDR 17 1 40 MM	383.300
	SDR 11 50 MM	42.500	SDR 11 280 MM	2.543.300	SDR 17 160 MM	542.000
	SDR 11 63 MM	71.000	SDR 11 315 MM	4.858.800	SDR 17 180 MM	779.500
	SDR 11 75 MM	116.500	SDR 11 355 MM	5.284.800	SDR 17 200 MM	845.800
	SDR 11 90 MM	190.500	SDR 11 400 MM	6.397.500	SDR 17 225 MM	1.197.800
	SDR 11 110 MM	257.300	SDR 17 40 MM	35.300	SDR 17 250 MM	1.691.300
	SDR 11 125 MM	624.500	SDR 17 50 MM	42.500	SDR 17 280 MM	2.814.000
	SDR 11 140 MM	647.500	SDR 17 63 MM	53.300	SDR 17 315 MM	3.765.300
	SDR 11 160 MM	759.800	SDR 17 75 MM	88.300	SDR 17 355 MM	4.888.300
	SDR 11 180 MM	984.500	SDR 17 90 MM	141.000	SDR 17 400 MM	5.826.300
	SDR 11 200 MM	1.180.500	SDR 17 110 MM	193.800		
	SDR 11 225 MM	1.744.000	SDR 17 125 MM	284.500		



## BUTT FUSION HDPE - SMART JOINT

END CUP						
	Size	Harga (Rp.)	Size	Harga (Rp.)	Size	Harga (Rp.)
	SDR 11 20 MM	3.800	SDR 11 225 MM	789.800	SDR 17 110 MM	106.000
	SDR 11 25 MM	5.000	SDR 11 250 MM	1.004.300	SDR 17 125 MM	176.500
	SDR 11 32MM	5.500	SDR 11 280 MM	1.394.000	SDR 17 140 MM	224.800
	SDR 11 40 MM	10.800	SDR 11 315 MM	1.691.300	SDR 17 160 MM	229.500
	SDR 11 50 MM	18.300	SDR 11 355 MM	3.085.000	SDR 17 180 MM	363.500
	SDR 11 63 MM	35.300	SDR 11 400 MM	4.359.800	SDR 17 200 MM	388.000
	SDR 11 75 MM	42.500	SDR 11 450 MM	6.341.500	SDR 17 225 MM	647.500
	SDR 11 90 MM	71.000	SDR 11 500 MM	8.058.800	SDR 17 250 MM	669.500
	SDR 11 110 MM	123.800	SDR 11 560 MM	10.304.800	SDR 17 280 MM	880.800
	SDR 11 125 MM	176.500	SDR 11 630 MM	14.003.800	SDR 17 315 MM	1.233.300
	SDR 11 140 MM	254.500	SDR 11 800 MM	30.253.000	SDR 17 355 MM	2.254.800
	SDR 11 160 MM	352.500	SDR 17 63 MM	35.300	SDR 17 400 MM	2.793.800
	SDR 11 180 MM	475.800	SDR 17 75 MM	42.500	SDR 17 450 MM	3.204.000
	SDR 11 200 MM	528.800	SDR 17 90 MM	71.000	SDR 17 500 MM	4.452.500

## BUTT FUSION HDPE - SMART JOINT

EQUAL TEE						
	Size	Harga (Rp.)	Size	Harga (Rp.)	Size	Harga (Rp.)
	SDR 11 40 MM	42.500	SDR 11 315 MM	6.519.800	SDR 17 180 MM	1.366.300
	SDR 11 50 MM	71.000	SDR 11 355 MM	13.079.000	SDR 17 200 MM	1.405.300
	SDR 11 63 MM	152.300	SDR 11 400 MM	13.640.500	SDR 17 225 MM	1.981.500
	SDR 11 75 MM	198.300	SDR 11 450 MM	19.692.300	SDR 17 250 MM	2.359.300
	SDR 11 90 MM	282.300	SDR 11 500 MM	28.869.800	SDR 17 280 MM	3.674.800
	SDR 11 110 MM	469.300	SDR 11 560 MM	34.036.800	SDR 17 315 MM	4.194.000
	SDR 11 125 MM	648.300	SDR 11 630 MM	58.900.000	SDR 17 355 MM	7.409.800
	SDR 11 140 MM	1.110.000	SDR 17 63 MM	112.300	SDR 17 400 MM	7.481.500
	SDR 11 160 MM	1.299.000	SDR 17 75 MM	168.000	SDR 17 450 MM	12.912.800
	SDR 11 180 MM	1.519.500	SDR 17 90 MM	192.000	SDR 17 500 MM	19.074.300
	SDR 11 200 MM	2.464.000	SDR 17 110 MM	344.800	SDR 17 560 MM	22.122.000
	SDR 11 225 MM	3.047.300	SDR 17 125 MM	415.300	SDR 17 630 MM	34.149.500
	SDR 11 250 MM	4.036.300	SDR 17 140 MM	719.300		
	SDR 11 280 MM	4.624.000	SDR 17 160 MM	827.000		



## BUTT FUSION HDPE - SMART JOINT

TEE REDUCER						
	Size	Harga (Rp.)	Size	Harga (Rp.)	Size	Harga (Rp.)
	SDR 11 50-40-50	66.300	SDR 11 180-160-180	1.711.000	SDR 11 450-160-450	13.548.800
	SDR 11 63-32-63	81.500	SDR 11 200-63-200	1.374.300	SDR 11 450-200-450	13.478.500
	SDR 11 63-40-63	88.300	SDR 11 200-90-200	1.486.500	SDR 11 450-250-450	14.202.000
	SDR 11 63-50-63	123.800	SDR 11 200-110-200	1.512.800	SDR 11 450-315-450	16.741.300
	SDR 11 75-40-75	141.000	SDR 11 200-160-200	1.823.300	SDR 11 450-355-450	15.853.300
	SDR 11 75-50-75	158.800	SDR 11 225-90-225	2.312.000	SDR 11 450-400-450	13.871.500
	SDR 11 75-63-75	158.800	SDR 11 225-110-225	2.576.300	SDR 11 500-110-500	8.373.500
	SDR 11 90-40-90	198.300	SDR 11 225-160-225	3.038.800	SDR 11 500-160-500	10.479.800
	SDR 11 90-50-90	211.500	SDR 11 250-90-250	2.890.300	SDR 11 500-200-500	10.531.800
	SDR 11 90-63-90	231.300	SDR 11 250-110-250	2.931.300	SDR 11 500-250-500	13.325.500
	SDR 11 90-75-90	299.300	SDR 11 250-160-250	3.492.800	SDR 11 500-315-500	14.703.800
	SDR 11 110-40-110	297.500	SDR 11 315-110-315	3.555.300	SDR 11 500-355-500	23.829.800
	SDR 11 110-50-110	310.000	SDR 11 315-160-315	4.190.800	SDR 11 500-400-500	24.616.300
	SDR 11 110-63-110	317.500	SDR 11 315-200-315	4.766.300	SDR 11 500-450-500	25.247.500
	SDR 11 110-75-110	462.500	SDR 11 355-110-355	7.890.800	SDR 11 560-315-560	25.014.500
	SDR 11 110-90-110	458.000	SDR 11 355-160-355	8.054.300	SDR 11 560-200-560	19.693.300
	SDR 11 125-90-125	1.024.000	SDR 11 355-200-355	8.481.000	SDR 11 630-200-630	30.501.000
	SDR 11 125-110-125	1.057.300	SDR 11 355-250-355	8.562.800	SDR 11 630-250-630	33.647.000
	SDR 11 140-110-140	1.123.300	SDR 11 355-315-355	8.655.800	SDR 11 630-315-630	38.934.500
	SDR 11 160-63-160	1.004.300	SDR 11 400-160-400	6.542.300	SDR 11 630-355-630	39.449.000
	SDR 11 160-75-160	1.024.000	SDR 11 400-200-400	7.273.800	SDR 11 630-400-630	43.916.000
	SDR 11 160-90-160	1.057.300	SDR 11 400-250-400	8.653.800	SDR 17 63-32-63	77.500
	SDR 11 160-110-160	1.090.300	SDR 11 400-315-400	8.681.800	SDR 17 63-40-63	81.500
	SDR 11 160-125-160	1.189.300	SDR 11 400-355-400	14.673.800	SDR 17 63-50-63	134.500
SDR 11 180-110-180	1.420.500	SDR 11 450-110-450	6.891.300	SDR 17 75-40-75	141.000	



## BUTT FUSION HDPE - SMART JOINT

TEE REDUCER						
	Size	Harga (Rp.)	Size	Harga (Rp.)	Size	Harga (Rp.)
	SDR 17 75-50-75	141.000	SDR 17 225-110-225	1.882.800	SDR 17 400-250-400	6.029.300
	SDR 17 75-63-75	176.500	SDR 17 225-160-225	2.014.800	SDR 17 400-315-400	6.319.000
	SDR 17 90-40-90	176.500	SDR 17 250-90-250	2.271.000	SDR 17 400-355-400	6.612.800
	SDR 17 90-50-90	193.800	SDR 17 250-110-250	2.312.000	SDR 17 450-110-450	5.758.300
	SDR 17 90-63-90	240.000	SDR 17 250-160-250	2.422.300	SDR 17 450-160-450	10.643.300
	SDR 17 90-75-90	240.000	SDR 17 315-90-315	3.369.000	SDR 17 450-200-450	10.817.000
	SDR 17 110-40-110	297.500	SDR 17 315-110-315	3.534.300	SDR 17 450-250-450	11.286.000
	SDR 17 110-50-110	254.500	SDR 17 315-160-315	3.679.500	SDR 17 450-315-450	12.157.800
	SDR 17 110-63-110	257.800	SDR 17 315-200-315	4.007.800	SDR 17 450-355-450	13.374.000
	SDR 17 110-75-110	380.000	SDR 17 315-250-315	4.392.800	SDR 17 450-400-450	11.326.800
	SDR 17 110-90-110	396.500	SDR 17 355-200-355	5.879.000	SDR 17 500-110-500	7.567.500
	SDR 17 125-90-125	892.000	SDR 17 355-250-355	7.436.800	SDR 17 500-160-500	11.964.000
	SDR 17 125-110-125	925.000	SDR 17 400-200-400	7.513.800	SDR 17 500-200-500	11.925.000
	SDR 17 140-110-140	1.057.300	SDR 17 400-250-400	7.629.500	SDR 17 500-250-500	14.410.800
	SDR 17 160-63-160	693.800	SDR 17 400-315-400	8.014.500	SDR 17 500-315-500	15.071.000
	SDR 17 160-75-160	726.800	SDR 17 315-110-315	3.068.800	SDR 17 500-355-500	17.242.300
	SDR 17 160-90-160	793.000	SDR 17 315-160-315	3.748.300	SDR 17 500-400-500	12.408.000
	SDR 17 160-110-160	826.000	SDR 17 315-200-315	4.183.000	SDR 17 500-450-500	19.655.500
	SDR 17 160-125-160	859.000	SDR 17 355-110-355	3.120.800	SDR 17 560-315-560	23.377.500
	SDR 17 180-110-180	1.321.500	SDR 17 355-160-355	5.929.300	SDR 17 560-200-560	13.441.500
	SDR 17 180-160-180	1.354.500	SDR 17 355-200-355	6.007.300	SDR 17 630-200-630	19.460.300
	SDR 17 200-63-200	1.057.300	SDR 17 355-250-355	6.192.800	SDR 17 630-250-630	21.519.000
	SDR 17 200-90-200	1.189.300	SDR 17 355-315-355	6.490.300	SDR 17 630-315-630	26.374.000
	SDR 17 200-110-200	1.222.300	SDR 17 400-160-400	5.546.300	SDR 17 630-355-630	27.772.300
	SDR 17 200-160-200	1.288.300	SDR 17 400-200-400	5.732.300	SDR 17 630-400-630	28.118.000



## BUTT FUSION HDPE - POLYPUSH

	SIZE		STUB END	
	Inch	MM	PN 10	PN 16
	2"	63	54.000	58.000
	2 1/2"	75	78.000	84.000
	3"	90	90.000	97.000
	4"	110	150.000	154.000
	5"	125	250.000	280.000
	6"	160	290.000	300.000
	8"	200	480.000	500.000
	10"	250	780.000	810.000
	12"	315	1.280.000	1.350.000
	14"	355	1.850.000	1.950.000
	16"	400	2.350.000	2.500.000
	18"	450	2.800.000	
	20"	500	4.100.000	4.399.800
	24"	630	5.100.000	5.100.100
	28"	710	8.030.000	
	32"	800	14.200.000	
	40"	1000	22.000.000	

	SIZE		ELBOW 90°	
	Inch	MM	PN 10	PN 16
	2"	63	66.000	70.000
	2 1/2"	75	90.000	96.000
	3"	90	144.000	150.000
	4"	110	220.000	230.000
	5"	125	400.000	440.000
	6"	160	490.000	500.000
	8"	200	1.000.000	1.040.000
	10"	250	1.950.000	2.100.000
	12"	315	3.800.000	4.100.000
	14"	355	4.881.900	
16"	400	6.317.800		
18"	450	6.798.300		

## BUTT FUSION HDPE - POLYPUSH

	SIZE		ELBOW 45°	
	Inch	MM	PN 10	PN 16
	2"	63	66.000	70.000
	3"	90	144.000	150.000
	4"	110	220.000	230.000
	6"	160	490.000	520.000
	8"	200	1.000.000	1.040.000
	10"	250	1.950.000	2.100.000
	12"	315	2.150.000	2.410.000
	14"	355	4.360.900	
	16"	400	6.048.830	
	18"	450	6.313.300	

	SIZE		REDUCER	
	Inch	MM	PN 10	PN 16
	3 X 2"	90 X 63	80.000	94.000
	3 X 2 1/2"	90 X 75	88.000	151.200
	4 X 2"	110 X 63	110.000	136.000
	4 X 3"	110 X 90	130.000	160.000
	6 X 2"	160 X 63	360.000	380.000
	6 X 3"	160 X 90	370.000	390.000
	6 X 4"	160 X 110	380.000	400.000
	8 X 3"	200 X 90	600.300	600.300
	8 X 4"	200 X 110	560.000	570.000
	8 X 6"	200 X 160	570.000	580.000
	10 X 6"	250 X 160	900.000	1.000.000
	10 X 8"	250 X 200	925.000	1.050.000
	12 X 6"	315 X 160	990.000	
	12 X 8"	315 X 200	1.550.000	1.600.000
	12 X 10"	315 X 250	1.600.000	1.670.000

## BUTT FUSION HDPE - POLYPUSH

	SIZE		REDUCING TEE	
	Inch	MM	PN 10	PN 16
	2 1/2 X 2"	75 X 63	-	103.410
	3 X 2"	90 X 63	150.000	174.000
	4 X 2"	110 X 63	190.000	200.000
	4 X 2 1/2"	110 X 75	-	275.600
	4 X 3"	110 X 90	200.000	250.000
	6 X 2"	160 X 63	570.000	640.000
	6 X 3"	160 X 90	600.000	670.000
	6 X 4"	160 X 110	610.000	710.000
	8 X 3"	200 X 90	1.450.000	1.650.000
	8 X 4"	200 X 110	1.595.000	1.595.000
	8 X 6"	200 X 160	1.500.000	1.700.000
	10 X 4"	250 X 110	1.930.800	2.100.000
	10 X 6"	250 X 160	2.100.000	2.360.000
	10 X 8"	250 X 200	2.150.000	2.500.000
	12 X 6"	315 X 160	2.989.900	
	12 X 8"	315 X 200	2.465.000	
	12 X 10"	315 X 250	2.466.300	

	SIZE		TEE	
	Inch	MM	PN 10	PN 16
	2"	63	84.000	90.000
	2 1/2"	75	138.000	144.000
	3"	90	190.000	200.000
	4"	110	290.000	310.000
	5"	125	520.000	550.000
	6"	160	670.000	700.000
	8"	200	1.170.000	1.200.000
	10"	250	3.100.000	3.500.000
	12"	315	5.700.000	6.000.000
	14"	355	6.789.300	10.450.000
	16"	400	7.683.000	
18"	450	9.782.300		

## BUTT FUSION HDPE - POLYPUSH

	SIZE		END CAP	
	Inch	MM	PN 10	PN 16
	2"	63	45.000	50.000
	3"	90	64.000	70.000
	4"	110	100.000	110.000
	6"	160	240.000	270.000
	8"	200	500.000	550.000
	10"	250	1.000.000	1.050.000
	12"	315	1.700.000	1.750.000
	14"	355	2.001.300	
	16"	400	2.050.300	
	18"	450	5.300.300	

## BUTT FUSION HDPE - IRIPLAST



Size		ELBOW 45°	
Inch	MM	PN 10	PN 16
2"	63	-	Rp 59.940
2 1/2"	75	-	Rp 79.920
3"	90	Rp 108.780	Rp 118.770
4"	110	Rp 175.380	Rp 189.810
5"	125	Rp 239.760	Rp 269.730
6"	160	Rp 359.640	Rp 399.600
8"	200	Rp 680.430	Rp 770.340
10"	250	Rp 1.299.810	Rp 1.350.870
12"	315	Rp 1.900.320	Rp 2.299.920
14"	355	Rp 2.499.720	-
16"	400	Rp 2.900.430	-



Size		ELBOW 90°	
Inch	MM	PN 10	PN 16
2"	63	-	Rp 52.170
2 1/2"	75	-	Rp 97.680
3"	90	Rp 125.097	Rp 139.860
4"	110	Rp 189.810	Rp 199.800
5"	125	Rp 329.670	Rp 380.730
6"	160	Rp 399.600	Rp 490.620
8"	200	Rp 840.270	Rp 950.160
10"	250	Rp 1.399.710	Rp 1.681.650
12"	315	Rp 2.299.920	Rp 2.752.800
14"	355	Rp 3.100.230	Rp 3.901.650
16"	400	Rp 4.000.440	Rp 5.100.450



Size		END CAP	
Inch	MM	PN 10	PN 16
2"	63	-	Rp 21.090
2 1/2"	75	-	Rp 49.950
3"	90	-	Rp 59.940
4"	110	Rp 99.900	Rp 109.890
5"	125	Rp 149.850	Rp 175.380
6"	160	Rp 219.780	Rp 260.850
8"	200	Rp 349.650	Rp 421.800
10"	250	Rp 600.510	Rp 754.800
12"	315	Rp 950.160	Rp 1.154.400
14"	355	Rp 1.750.470	-
16"	400	Rp 1.800.420	-

## BUTT FUSION HDPE - IRIPLAST



Size (MM)	REDUCER	
	PN 10	PN 16
75 X 63	-	Rp 61.050
90 X 63	-	Rp 82.140
90 X 75	Rp 89.910	Rp 101.010
110 X 63	Rp 116.550	Rp 130.980
110 X 75	Rp 116.550	Rp 133.200
110 X 90	Rp 130.980	Rp 145.410
160 X 63	Rp 240.870	Rp 260.850
160 X 90	Rp 240.870	Rp 260.850
160 X 110	Rp 240.870	Rp 260.850
200 X 90	Rp 405.150	Rp 460.650
200 X 110	Rp 410.700	Rp 477.300
200 X 160	Rp 455.100	Rp 499.500
250 X 110	Rp 621.600	Rp 643.800
250 X 160	Rp 632.700	Rp 671.550
250 X 200	Rp 643.800	Rp 710.400
315 X 160	Rp 999.000	Rp 1.076.700
315 X 200	Rp 999.000	Rp 1.154.400
315 X 250	Rp 1.110.000	Rp 1.332.000
355 X 250	Rp 1.476.300	
355 X 315	Rp 1.665.000	
400 X 200	Rp 1.454.100	
400 X 250	Rp 1.554.000	
400 X 315	Rp 1.665.000	



Size (MM)	TEE	
	PN 10	PN 16
63 X 63 X 63	-	Rp 95.460
75 X 75 X 75	-	Rp 135.420
90 X 90 X 90	Rp 169.830	Rp 185.370
110 X 110 X 110	Rp 250.860	Rp 260.850
125 X 125 X 125	Rp 400.710	Rp 435.120
160 X 160 X 160	Rp 590.520	Rp 650.460
200 X 200 X 200	RP 890.220	Rp 1.076.700
250 X 250 X 250	Rp 1.504.050	Rp 2.009.100
315 X 315 X 315	Rp 2.852.700	RP 3.507.600
355 X 355 X 355	Rp 3.851.700	Rp 4.939.500
400 X 400 X 400	Rp 4.662.000	Rp 5.938.500

## BUTT FUSION HDPE - IRIPLAST

	REDUCING TEE		
	Size (MM)	PN 10	PN 16
	90 X 63 X 90	Rp 125.430	Rp 130.980
	90 X 75 X 90	Rp 149.850	Rp 155.400
	110 X 63 X 110	Rp 200.910	Rp 222.000
	110 X 75 X 110	Rp 200.910	Rp 240.870
	110 X 90 X 110	Rp 200.910	Rp 245.310
	160 X 63 X 160	Rp 350.760	Rp 450.660
	160 X 90 X 160	Rp 400.710	Rp 460.650
	160 X 110 X 160	Rp 421.800	Rp 500.610
	200 X 90 X 200	Rp 643.800	Rp 750.360
	200 X 110 X 200	Rp 666.000	Rp 865.800
	200 X 160 X 200	Rp 932.400	Rp 1.010.100
	250 X 90 X 250	Rp 1.254.300	Rp 1.404.150
	250 X 110 X 250	Rp 1.254.300	Rp 1.404.150
	250 X 160 X 250	Rp 1.404.150	Rp 1.554.000
	250 X 200 X 250	Rp 1.500.720	Rp 1.703.850
	315 X 160 X 315	Rp 2.053.500	Rp 2.553.000
	315 X 200 X 315	Rp 2.203.350	Rp 2.708.400
	315 X 250 X 315	Rp 2.403.150	Rp 3.108.000
400 X 250 X 400	Rp 3.907.200	-	
400 X 315 X 400	Rp 4.007.100	-	

	Size		STUB END	
	Inch	MM	PN 10	PN 16
	2"	63	-	Rp 59.940
	2 1/2"	75	-	Rp 85.470
	3"	90	Rp 88.800	Rp 96.570
	4"	110	Rp 125.430	Rp 149.850
	5"	125	Rp 169.830	Rp 175.380
	6"	160	Rp 245.310	Rp 290.820
	8"	200	Rp 379.620	Rp 460.650
	10"	250	Rp 580.530	Rp 710.400
	12"	315	Rp 900.210	Rp 1.100.010
	14"	355	Rp 1.399.710	Rp 1.750.470
	16"	400	Rp 1.900.320	Rp 2.349.870
	18"	450	Rp 2.200.020	-
	20"	500	Rp 3.200.130	-
	24"	630	Rp 4.300.140	-

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION STUB END				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-DN50	39,870		100
	F23-dn63		48,990	80
	F23-dn75	66,800	74,620	80
	F23-dn90	70,980	77,740	50
	F23-dn110	108,530	127,140	45
	F23-dn125	136,570	143,270	35
	F23-dn140		185,270	30
	F23-dn160	209,140	242,020	15
	F23-dn180	253,820	297,920	12
	F23-dn200	318,090	378,410	12
	F23-dn225	410,710	447,080	10
	F23-dn250	489,490	574,550	6
	F23-dn280	508,490	593,370	6
	F23-dn315	733,800	898,170	4
	F23-dn355	1,191,600	1,427,560	2
	F23-dn400	1,590,200	1,899,160	2
	F23-dn450	1,877,670	2,276,400	1
	F23-dn500	2,627,560	2,993,280	1
	F23-DN560	3,354,540	3,520,000	1
	F23-dn630	3,511,400	3,848,510	1
F23-dn800	8,167,370	11,300,000	1	
F23-dn1000	22,371,860		1	
F23-dn1200	30,962,640		1	

- Harga & Stock tidak terikat

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION REDUCER				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-DN63X32		36,220	250
	F23-DN63X40		37,140	250
	F23-DN63X50		38,530	150
	F23-DN75X50	45,850	51,400	150
	F23-DN75X63		47,860	100
	F23-DN90X32		59,950	80
	F23-DN90X40		61,250	80
	F23-DN90X50		61,560	80
	F23-DN90X63		65,000	80
	F23-DN90X75	71,320	77,590	80
	F23-DN110X40		89,120	50
	F23-DN110X63	90,410	101,150	50
	F23-DN110X75	93,020	103,020	50
	F23-DN110X90	101,840	114,770	40
	F23-DN125X63		136,700	30
	F23-DN125X75		139,530	30
	F23-DN125X90	137,640	143,900	30
	F23-DN125X110	162,950	178,520	30
	F23-DN160X63	190,460	214,250	30
	F23-DN160X75	188,040	212,470	30
	F23-DN160X90	187,140	211,960	30
	F23-DN160X110	189,620	198,810	25
	F23-DN160X125	196,930	207,770	25
	F23-DN180X160	302,460	317,220	10
	F23-DN200X63	299,020	339,730	12
	F23-DN200X90	317,400	359,740	12
	F23-DN200X110	325,820	370,970	12
	F23-DN200X125	331,180	341,840	12
	F23-DN200X160		382,840	10
	F23-DN200X180	370,790	397,990	8
F23-DN225X110	426,630	488,000	8	
F23-DN225X125	415,440	444,400	8	

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION REDUCER				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-DN225X160	444,930	469,610	8
	F23-DN225X200	492,330	525,060	6
	F23-DN250X110	488,810	505,470	6
	F23-DN250X125	475,800	507,230	6
	F23-DN250X160	492,750	539,630	6
	F23-DN250X200	506,690	576,780	6
	F23-DN250X225	555,850	607,180	6
	F23-dn280x160	500,000	986,040	4
	F23-dn315x110	600,000	1,138,750	4
	F23-DN315X160	772,430	837,080	4
	F23-DN315X200	810,730	907,830	4
	F23-DN315X225	952,000	994,470	4
	F23-DN315X250	938,240	1,038,800	4
	F23-DN315X280	1,009,360	1,134,910	4
	F23-DN355X250	1,163,540	1,238,220	2
	F23-DN355X315	1,285,560	1,492,880	2
	F23-dn400x200	1,130,470	2,726,850	1
	F23-dn400x250	1,170,180	2,194,290	2
	F23-DN400X315	1,306,050	1,547,310	2
	F23-dn400x355	1,304,240	3,367,420	1
	F23-dn450x250	1,312,000	3,250,290	1
	F23-dn450x280	1,360,000	2,208,000	1
	F23-dn450x315	1,408,000	2,230,860	1
	F23-dn450x355	1,452,000	2,250,000	1
	F23-dn450x400	1,424,000	2,294,860	1
	F23-dn500x200	1,460,000	2,120,000	1
	F23-dn500x225	1,420,000	2,200,000	1
	F23-dn500x250	1,600,000	2,360,000	1
	F23-dn500x280			
	F23-dn500x315	1,760,000	2,680,000	1
F23-dn500x355	1,800,000	2,720,000	1	
F23-dn500x400	1,840,000	2,880,000	1	
F23-dn500x450	2,000,000	3,200,000	1	

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION REDUCER				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-dn560x315	2,080,000	3,754,670	1
	F23-dn560x355	2,120,000	3,797,330	1
	F23-dn560x400	2,160,000	3,925,330	1
	F23-dn560x450	2,200,000	3,968,000	1
	F23-dn560x500	2,240,000	4,096,000	1
	F23-dn630x315	2,944,000	4,522,670	1
	F23-dn630x355	2,986,670	4,608,000	1
	F23-dn630x400	3,029,330	4,693,330	1
	F23-dn630x450	3,072,000	4,778,670	1
	F23-dn630x500	3,114,670	4,821,330	1
	F23-dn630x560	3,242,670	5,376,000	1
	F23-dn710x315	5,394,290		1
	F23-dn710x355	5,440,000		1
	F23-dn710x400	5,485,700		1
	F23-dn710x450	5,531,400		1
	F23-dn710x500	5,577,100		1
	F23-dn710x560	5,622,900		1
	F23-dn710x630	5,714,300		1
	F23-dn800x315	7,177,100		1
	F23-dn800x355	7,222,900		1
	F23-dn800x400	7,268,600		1
	F23-dn800x450	7,314,300		1
	F23-dn800x500	7,360,000		1
	F23-dn800x560	7,405,700		1
F23-dn800x630	7,451,400		1	
F23-dn800x710	7,451,400		1	

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION TEE				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-DN63		77,210	50
	F23-DN75		109,010	50
	F23-DN90	134,960	147,930	25
	F23-DN110	199,920	209,570	20
	F23-DN125	312,740	345,890	12
	F23-DN160	452,710	515,430	5
	F23-DN180	617,990	646,030	4
	F23-DN200	697,150	844,040	4
	F23-DN225	1,220,910	1,377,710	2
	F23-DN250	1,187,180	1,610,090	2
	F23-DN280	1,840,700	2,210,690	1
	F23-DN315	2,252,040	2,775,770	1
	F23-DN355	3,021,760	3,898,560	1
	F23-dn400	3,662,510	4,736,130	1
	F23-dn450	6,480,000	9,840,000	1
	F23-dn500	8,320,000	12,800,000	1
	F23-dn560	12,080,000	15,800,000	1
	F23-dn630	15,440,000	20,800,000	1
	F23-dn710	28,342,900	42,971,400	1
	F23-dn800	37,851,400	57,142,900	1
F23-dn900	62,171,400			
F23-dn1000	84,571,400			
F23-dn1200	142,628,600			

## BUTT FUSION HDPE - MBA

### PRICE LIST BUTT FUSION REDUCING TEE

PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-DN63X25X63		68,950	60
	F23-DN63X32X63		71,630	60
	F23-DN63X40X63		70,940	60
	F23-DN63X50X63		72,010	60
	F23-DN75X40X75		95,370	60
	F23-DN75X50X75		100,190	60
	F23-DN75X63X75		103,410	50
	F23-DN90X40X90		91,160	50
	F23-DN90X50X90		98,210	40
	F23-DN90X63X90		105,180	40
	F23-DN90X75X90		121,420	30
	F23-DN110X40X110	142,850		35
	F23-DN110X50X110		152,430	30
	F23-DN110X63X110	163,570	185,400	30
	F23-DN110X75X110	169,270	194,650	25
	F23-DN110X90X110	176,400	201,280	20
	F23-DN125X63X125		218,550	12
	F23-DN125X75X125		236,850	12
	F23-DN125X90X125	236,060	245,200	12
	F23-DN125X110X125	298,470	326,740	12
	F23-DN160X63X160	281,820	352,590	10
	F23-DN160X75X160		361,930	10
	F23-DN160X90X160	326,110	376,790	10
	F23-DN160X110X160	353,200	412,710	9
	F23-DN160X125X160	426,790	466,060	9
	F23-DN180X110X180	585,750	635,170	5
F23-DN180X160X180	634,610	689,480	4	
F23-DN200X63X200	478,330	548,720	5	
F23-DN200X75X200	570,150	651,210	5	

## BUTT FUSION HDPE - MBA

### PRICE LIST BUTT FUSION REDUCING TEE

PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-DN200X90X200	502,400	592,220	5
	F23-DN200X110X200	540,330	681,460	4
	F23-DN200X125X200	707,720	770,710	4
	F23-DN200X160X200	745,840	810,360	4
	F23-DN225X90X225	840,040	885,150	3
	F23-DN225X110X225	925,210	1,007,152	3
	F23-DN225X160X225	963,420	1,046,470	3
	F23-DN225X200X225	1,140,960	1,236,450	2
	F23-DN250X90X250	995,820	1,107,090	2
	F23-DN250X110X250	980,100	1,112,060	2
	F23-DN250X125X250		1,233,150	2
	F23-DN250X160X250	1,100,720	1,238,590	2
	F23-DN250X200X250	1,207,020	1,352,170	2
	F23-DN250X225X250	1,358,630	1,471,700	2
	F23-DN280X110X280	1,410,640	1,529,480	2
	F23-DN280X160X280	1,577,300	1,714,770	1
	F23-DN280X200X280	1,766,520	1,904,720	1
	F23-DN280X225X280	1,916,320	2,071,050	2
	F23-dn315x75x315		2,050,720	1
	F23-dn315x90x315	1,651,670	1,996,840	1
	F23-DN315X110X315	1,399,410	1,714,620	1
	F23-DN315X160X315	1,629,910	1,995,850	1
	F23-DN315X200X315	1,767,840	2,198,820	1
	F23-DN315X225X315	1,999,700	2,297,690	1
	F23-DN315X250X315	1,896,350	2,434,320	1
	F23-dn355x75x355	1,728,000	2,276,000	1
	F23-dn355x90x355	1,737,800	2,280,000	1
	F23-dn355x110x355	1,739,300	2,280,000	1

## BUTT FUSION HDPE - MBA

### PRICE LIST BUTT FUSION REDUCING TEE

PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-dn355x125x355	1,851,100	2,380,000	1
	F23-dn355x140x355	1,947,100	2,440,000	1
	F23-dn355x160x355	2,043,000	2,440,000	1
	F23-dn355x180x355	2,343,400	2,680,000	1
	F23-dn355x200x355	2,363,100	2,860,000	1
	F23-dn355x225x355	2,390,900	3,000,000	1
	F23-dn355x250x355	2,441,100	3,240,000	1
	F23-dn355x280x355	2,756,600	3,580,000	1
	F23-dn355x315x355	2,971,400	3,860,000	1
	F23-dn400x110x400	1,900,000	3,000,000	1
	F23-dn400x125x400	2,012,000	3,100,000	1
	F23-dn400x140x400	2,032,000	3,256,000	1
	F23-dn400x160x400	2,140,000	3,640,000	1
	F23-dn400x180x400	2,276,000	3,680,000	1
	F23-dn400x200x400	2,466,400	3,704,000	1
	F23-dn400x225x400	2,648,000	3,880,000	1
	F23-dn400x250x400	2,780,000	4,240,000	1
	F23-dn400x280x400	2,904,400	4,504,000	1
	F23-dn400x315x400	3,232,000	4,880,000	1
	F23-dn400x355x400	3,600,000	5,360,000	1
	F23-dn450x90x450	2,888,000	4,500,000	1
	F23-dn450x110x450	2,888,000	4,520,000	1
	F23-dn450x160x450	3,612,000	5,120,000	1
	F23-dn450x200x450	3,740,000	5,480,000	1
F23-dn450x225x450	4,464,000	5,720,000	1	

## BUTT FUSION HDPE - MBA

### PRICE LIST BUTT FUSION REDUCING TEE

PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-dn450x250x450	4,484,000	6,320,000	1
	F23-dn450x280x450	4,968,000	7,000,000	1
	F23-dn450x315x450	5,060,000	7,200,000	1
	F23-dn450x355x450	5,888,000	8,000,000	1
	F23-dn450x400x450	5,980,000	8,800,000	1
	F23-dn500x110x500	3,636,000	6,000,000	1
	F23-dn500x125x500	4,360,000	6,600,000	1
	F23-dn500x160x500	4,648,000	6,800,000	1
	F23-dn500x200x500	4,740,000	7,000,000	1
	F23-dn500x225x500	5,290,000	7,200,000	1
	F23-dn500x250x500	5,290,000	7,600,000	1
	F23-dn500x280x500	6,256,000	8,600,000	1
	F23-dn500x315x500	6,304,000	8,800,000	1
	F23-dn500x355x500	7,176,000	9,200,000	1
	F23-dn500x400x500	7,244,000	10,320,000	1
	F23-dn500x450x500	8,324,000	11,280,000	1
	F23-dn560x110x560	4,784,000	8,000,000	1
	F23-dn560x160x560	5,316,000	8,200,000	1
	F23-dn560x200x560	6,072,000	8,400,000	1
	F23-dn560x225x560	6,601,200	9,440,000	1
	F23-dn560x250x560	6,785,200	9,800,000	1
	F23-dn560x280x560	7,500,000	10,400,000	1
	F23-dn560x315x560	7,564,000	10,920,000	1
F23-dn560x355x560	9,200,000	12,680,000	1	
F23-dn560x400x560	9,244,000	13,000,000	1	

## BUTT FUSION HDPE - MBA

### PRICE LIST BUTT FUSION REDUCING TEE

PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-dn560x450x560	10,352,000	14,400,000	1
	F23-dn560x500x560	11,040,000	15,760,000	1
	F23-dn630x110x630	6,762,000	10,800,000	1
	F23-dn630x160x630	6,842,000	10,880,000	1
	F23-dn630x200x630	8,048,000	11,600,000	1
	F23-dn630x225x630	8,280,000	12,720,000	1
	F23-dn630x250x630	8,372,000	13,000,000	1
	F23-dn630x280x630	9,752,000	13,600,000	1
	F23-dn630x315x630	9,882,000	14,200,000	1
	F23-dn630x355x630	10,812,000	15,760,000	1
	F23-dn630x400x630	11,000,000	16,400,000	1
	F23-dn630x450x630	12,628,000	18,920,000	1
	F23-dn630x500x630	13,020,000	19,880,000	1
	F23-dn710x110x710	11,200,000	19,200,000	1
	F23-dn710x160x710	12,000,000	21,028,600	1
	F23-dn710x200x710	13,240,000	21,942,900	1
	F23-dn710x250x710	13,440,000	22,857,100	1
	F23-dn710x315x710	15,400,000	25,600,000	1
	F23-dn710x400x710	17,800,000	29,257,100	1
	F23-dn710x500x710	20,320,000	33,828,600	1
	F23-dn710x630x710	24,000,000	40,685,700	1
	F23-dn800x110x800	16,777,100	26,057,100	1
	F23-dn800x160x800	17,371,400	26,514,300	1
	F23-dn800x200x800	18,422,900	27,885,700	1
F23-dn800x250x800	21,257,100	32,457,100	1	
F23-dn800x355x800	21,942,900	33,371,400	1	

## BUTT FUSION HDPE - MBA

### PRICE LIST BUTT FUSION REDUCING TEE

PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-dn800x315x800	22,948,600	34,742,900	1
	F23-dn800x400x800	23,862,900	36,571,400	1
	F23-dn800x500x800	32,182,900	46,171,400	1
	F23-dn800x630x800	36,571,400	51,657,100	1
	F23-dn800x710x800	37,028,600	54,400,000	1
	F23-dn900x110x900	22,400,000		1
	F23-dn900x160x900	22,857,100		1
	F23-dn900x200x900	25,600,000		1
	F23-dn900x250x900	26,331,400		1
	F23-dn900x315x900	29,348,600		1
	F23-dn900x400x900	32,594,300		1
	F23-dn900x500x900	38,171,400		1
	F23-dn900x630x900	44,800,000		1
	F23-dn900x710x900	49,371,400		1
	F23-dn900x800x900	54,857,100		1
	F23-dn1000x90x1000	27,977,100		1
	F23-dn1000x110x1000	27,977,100		1
	F23-dn1000x160x1000	28,617,100		1
	F23-dn1000x200x1000	32,685,700		1
	F23-dn1000x250x1000	32,960,000		1
	F23-dn1000x315x1000	37,257,100		1
	F23-dn1000x400x1000	41,142,900		1
	F23-dn1000x500x1000	47,542,900		1
	F23-dn1000x630x1000	55,771,400		1
	F23-dn1000x710x1000	61,714,300		1
	F23-dn1000x800x1000	68,114,300		1
	F23-dn1000x900x1000	76,342,900		1
	F23-dn1200x90x1200	41,920,000		1

## BUTT FUSION HDPE - MBA

### PRICE LIST BUTT FUSION REDUCING TEE

PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-dn1200x160x1200	42,377,100		1
	F23-dn1200x200x1200	49,371,400		1
	F23-dn1200x250x1200	49,828,600		1
	F23-dn1200x315x1200	53,028,600		1
	F23-dn1200x400x1200	61,714,300		1
	F23-dn1200x500x1200	69,485,700		1
	F23-dn1200x630x1200	79,085,700		1
	F23-dn1200x710x1200	88,457,100		1
	F23-dn1200x800x1200	96,914,300		1
	F23-dn1200x900x1200	108,114,300		1
	F23-dn1200x1000x1200	118,857,100		1

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION 90°ELBOW				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-DN63X90°		43,160	100
	F23-DN75X90°	77,250	85,840	70
	F23-DN90X90°	101,970	113,960	40
	F23-DN110X90°	156,980	163,110	25
	F23-DN125X90°	270,300	308,820	12
	F23-DN160X90°	326,850	392,180	10
	F23-DN180X90°	545,790	617,830	5
	F23-DN200X90°	670,030	770,900	4
	F23-DN225X90°	929,100	1,044,990	3
	F23-DN250X90°	1,121,090	1,324,200	2
	F23-DN280X90°	1,478,080	1,750,940	2
	F23-DN315X90°	1,848,180	2,205,930	1
	F23-DN355X90°	2,501,490	3,141,620	1
	F23-DN400X90°	3,219,610	4,048,820	1
	F23-dn450x90°	4,498,710	6,000,000	1
	F23-dn500x90°	5,764,500	8,400,000	1
	F23-dn560x90°	7,100,360	11,600,000	1
	F23-dn630x90°	9,457,560	16,000,000	1
	F23-dn710x90°	22,125,700	29,600,000	1
	F23-dn800x90°	30,308,600	42,000,000	1
F23-dn900x90°	46,628,600		1	
F23-dn1000x90°	61,714,300		1	
F23-dn1200x90°	100,571,400		1	

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION 45° ELBOW				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-dn75x45°		64,640	80
	F23-dn90x45°	89,150	99,550	50
	F23-dn110x45°	142,800	157,740	30
	F23-dn125x45°	195,120	217,500	18
	F23-dn160x45°	290,950	324,570	12
	F23-dn200x45°	542,000	610,970	5
	F23-dn250x45°	1,023,360	1,084,020	2
	F23-dn280x45°	1,274,260	1,503,100	2
	F23-dn315x45°	1,545,960	1,925,380	1
	F23-dn355x45°	2,040,270	2,564,900	1
	F23-dn400x45°	2,449,130	3,156,700	1
	F23-DN450X45 °	3,118,330	4,520,000	1
	F23-DN500X45 °	3,892,190	6,080,000	1
	F23-dn560x45°	4,757,110	11,594,550	1
	F23-DN630X45 °	6,474,110	12,342,900	1
	F23-dn710x45°	11,586,250	22,857,100	1
	F23-dn800x45°	17,965,700	30,628,600	1
	F23-dn900x45°	35,200,000		1
F23-dn1000x45°	48,000,000		1	
F23-dn1200x45°	68,571,400		1	

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION 22.5° ELBOW				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-dn110x22.5 °		100,000	1
	F23-dn125x22.5 °		156,000	1
	F23-dn140x22.5 °		204,000	1
	F23-dn160x22.5 °		256,000	1
	F23-dn180x22.5 °		380,000	1
	F23-dn200x22.5		452,000	1
	F23-dn225x22.5		696,000	1
	F23-dn250x22.5		820,000	1
	F23-dn280x22.5		1,312,000	1
	F23-dn315x22.5		1,496,000	1
	F23-dn355x22.5	1,748,000	2,400,000	1
	F23-dn400x22.5	1,872,000	2,544,000	1
	F23-DN450X22.5	3,200,000		1
	F23-DN500X22.5	4,240,000		1
	F23-dn560x22.5	5,520,000	8,400,000	1
	F23-DN630X22.5	7,296,000		1
F23-dn710x22.5	11,520,000	18,400,000	1	
F23-dn800x22.5	14,800,000	24,400,000	1	

PRICE LIST BUTT FUSION 30° ELBOW				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-DN450X30 °	3,200,000		1
	F23-DN500X30 °	4,240,000		1
	F23-dn560x30 °	5,520,000	8,400,000	1
	F23-DN630X30 °	7,296,000		1
	F23-dn710x30 °	11,520,000	18,400,000	1
	F23-dn800x30 °	14,800,000	24,400,000	1

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION END CUP				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-DN63		18,220	250
	F23-DN75		39,200	200
	F23-DN90	50,480	54,060	100
	F23-DN110	85,220	93,910	80
	F23-DN125	124,470	136,980	60
	F23-dn140		135,950	30
	F23-DN160	181,040	201,720	25
	F23-DN180	253,940	278,240	20
	F23-DN200	282,400	333,710	16
	F23-DN225	370,570	408,320	12
	F23-DN250	482,170	583,900	6
	F23-DN280	527,020	639,870	6
	F23-DN315	747,430	885,300	4
	F23-DN355	1,368,730	1,563,950	2
	F23-DN400	1,358,700	1,640,810	2
	F23-DN450	1,800,160	2,380,940	1
	F23-DN500	2,383,080	2,731,710	1
	F23-DN560	2,240,000	3,508,020	1
	F23-DN630	2,960,000	4,240,000	1
	F23-DN710	5,028,600		1
F23-DN800	6,857,100		1	
F23-DN900	9,142,900		1	
F23-DN1000	12,800,000		1	
F23-DN1200	24,685,700		1	

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION Y -TEE				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	F23-DN63		120,800	1
	F23-DN75		172,400	1
	F23-DN90	224,400	280,400	1
	F23-DN110	328,000	432,000	1
	F23-DN125	487,600	676,000	1
	F23-DN140	630,000	872,000	1
	F23-DN160	828,400	1,121,600	1
	F23-DN180	1,036,000	1,468,000	1
	F23-DN200	1,424,000	2,000,000	1
	F23-DN225	2,028,000	2,848,000	1
	F23-DN250	2,760,800	3,756,000	1
	F23-DN280	3,624,000	5,180,000	1
	F23-DN315	5,176,000	7,600,000	1
	YT 75X63		156,000	1
	YT90-63	164,000	216,000	1
	YT90-75	181,200	241,600	1
	YT110-63	220,000	296,000	1
	YT110-75	241,600	324,000	1
	YT110-90	280,600	388,400	1
	YT125-63	289,200	400,000	1
	YT125-75	316,000	440,000	1
	YT125-90	358,000	496,000	1
	YT125-110	420,000	588,000	1
	YT140-63	345,200	484,000	1
	YT140-75	380,000	528,000	1
	YT140-90	424,000	596,000	1
YT140-110	476,000	692,000	1	

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION Y -TEE				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	YT140-125	544,000	788,000	1
	YT160-63	452,800	604,000	1
	YT160-75	496,000	648,000	1
	YT160-90	560,800	736,000	1
	YT160-110	647,200	820,000	1
	YT160-125	690,000	952,000	1
	YT180-63	560,800	780,000	1
	YT180-75	604,000	820,000	1
	YT180-90	648,000	908,000	1
	YT180-110	736,000	992,000	1
	YT180-125	800,000	1,124,000	1
	YT180-160	952,000	1,296,000	1
	YT200-63	690,000	952,000	1
	YT200-75	736,000	992,000	1
	YT200-90	776,000	1,080,000	1
	YT200-110	864,000	1,192,000	1
	YT200-125	952,000	1,320,000	1
	YT200-160	1,168,000	1,580,000	1
	YT225-63	908,000	1,296,000	1
	YT225-75	952,000	1,340,000	1
	YT225-90	1,020,000	1,424,000	1
	YT225-110	1,121,600	1,556,000	1
	YT225-125	1,232,000	1,728,000	1
	YT225-160	1,452,000	2,008,000	1
YT225-200	1,772,000	2,460,000	1	
YT250-90	1,380,000	1,812,000	1	
YT250-110	1,468,000	1,988,000	1	

## BUTT FUSION HDPE - MBA

PRICE LIST BUTT FUSION Y -TEE				
PICTURE	Specification	PN10 unit price	PN16 unit price	PCS/BOX
	YT250-125	1,547,600	2,160,000	1
	YT250-160	1,812,000	2,460,000	1
	YT250-200	2,160,000	2,936,000	1
	YT250-225	2,504,000	3,324,000	1
	YT280-90	1,682,400	2,416,000	1
	YT280-110	1,812,000	2,632,000	1
	YT280-125	1,944,000	2,804,000	1
	YT280-160	2,244,000	3,200,000	1
	YT280-200	2,632,000	3,712,000	1
	YT280-225	2,936,000	4,144,000	1
	YT280-250	3,324,000	4,760,000	1
	YT315-90	2,160,000	3,152,000	1
	YT315-110	2,332,000	3,408,000	1
	YT315-125	2,460,000	3,600,000	1
	YT315-160	2,760,800	4,056,000	1
	YT315-200	3,200,000	4,660,000	1
	YT315-225	3,560,000	5,180,000	1
	YT315-250	4,000,000	5,740,000	1



## PIPA SPIRAL HDPE CONDUIT SINGLE WALL – SHUANGLIN PIPE

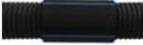
### SINGLE WALL UNTUK PROTEKSI KABEL

I. HDPE/PP单壁波纹管 (穿线) HDPE/PP Single Wall Corrugated Pipe (Cable Protection)						
No	Name	Picture	Specification (mm)	Standard	Unit price Rp/m	Standard Length
序号	名称	图片	规格 (mm)	标准	单价 印尼盾/米	标准长度(米)
1	HDPE/PP Single Wall Corrugated Pipe HDPE/PP单壁波纹管		ID23(OD29) (3.4")		11,200	200
2			ID27(OD34) (1")		14,900	200
3			ID34(OD42) (1 1/4")		24,900	200
4			ID47(OD56) (1.5")		36,700	100
5			ID54(OD65) (2")		48,200	100
6			ID66(OD80) (2.5")		69,800	100
7			ID84(OD100) (3")		71,000	100
8			ID100(OD115) (4")	ASTM F667	72,000	50
9			ID150(OD175) (6")	ASTM F667	116,500	30
10			ID200(OD235) (8")	ASTM F667	211,900	30
11			ID100(OD115) (4")	JIS	100,500	50
12			ID150(OD175) (6")	JIS	223,200	30
13			ID200(OD235) (8")	JIS	278,000	30

II. HDPE/PP单壁波纹管 (穿线) HDPE/PP Single Wall Corrugated Pipe Truck Loading Reference				
No.	Specification	Loading Quantity 装载量		
序号	规格(mm)	in 6 meter truck(PCS)	in 21 feet	in 40 feet
1	ID23(OD29)	70	56	120
2	ID27(OD34)	51	48	104
3	ID34(OD42)	48	44	96
4	ID47(OD56)	44	34	66
5	ID54(OD65)	40	30	64
6	ID66(OD80)	25	22	50
7	ID84(OD100)	25	22	50
8	ID100(OD115)	25	18	40
9	ID150(OD175)	13	13	29
10	ID200(OD235)	10	9	21



III. 连接橡胶圈 Connection Rubber Ring				
No.	Name	Picture	Specification	Unit Price Rp
序号	名称	图片	规格(mm)	市场价 (印尼盾)
1	Corrugated Pipe Connection Rubber Ring 波纹管连接橡胶圈		OD42mm	14,800
2			OD56mm	25,600
3			OD65mm	27,000
4			OD80mm	28,200
5			OD100mm	29,500
6			OD115mm	30,800
7			OD175mm	38,500
8			OD235mm	46,200

IV. 单壁波纹管直接 Single Wall Corrugated Pipe Coupler				
No.	Name	Picture	Specification	Unit Price Rp
序号	名称	图片	规格(mm)	市场价 (印尼盾)
1	SWCP Straight Coupler单壁波纹管直接		ID23(OD29)	43,100
2			ID27(OD34)	46,900
3			ID34(OD42)	58,700
4			ID47(OD56)	68,900
5	SWCP Male thread Straight Coupler 单壁波纹管直接(外螺纹)		ID23(OD29)M25X1.5	26,700
6			ID27(OD34)M32X1.5	33,400
7			ID34(OD42)M50X1.5	85,700
8			ID47(OD56)M63X1.5	101,100
9	SWCP Straight Coupler单壁波纹管直接		OD80mm	81,600
10			OD100mm	84,600
11			OD115mm	88,600
12			OD175mm	162,900
13			OD235mm	182,700

V. 波纹管管枕 Corrugated Pipe Spacer				
No.	Name	Picture	Specification	Unit Price Rp
序号	名称	图片	规格 (mm)	市场价印尼盾)
1	Corrugated pipe spacer 波纹管管枕		ID50	32,000
2			ID75	36,000
3			ID95	38,000
4			ID100	38,000
5			ID115	39,000
6			ID175	42,000
7			ID240	48,000



## PIPA SPIRAL HDPE PERFORATED SINGLE WALL – SHUANGLIN PIPE

I. HDPE/PP单壁波纹管 ( 渗透 ) HDPE/PP Single Wall Corrugated Pipe (Perforated)						
No	Name	Picture	Specification (mm)	Standard	Unit Price Rp/m	Standard Length (meter)
序号	名称	图片	规格 (mm)	标准	单价 印尼盾/米	标准长度(米)
1	HDPE/PP single wall corrugated pipe HDPE/PP单壁波纹管		ID47(OD56) (1.5")	AASHTO M252-09	36,700	100
2			ID54(OD65) (2")	AASHTO M252-09	48,200	100
3			ID66(OD80) (2.5")	AASHTO M252-09	69,800	100
4			ID84(OD100) (3")	AASHTO M252-09	71,000	100
5			ID100(OD115) (4")	AASHTO M252-09	72,000	50
6			ID150(OD175) (6")	AASHTO M252-09	116,500	30
7			ID200(OD235) (8")	AASHTO M252-09	211,900	30

II. HDPE/PP单壁波纹管 ( 穿线 ) HDPE/PP Single Wall Corrugated Pipe Truck Loading Reference				
No.	Specification 规格(mm)	Loading Quantity 装载量		
		in 6 meter truck(PCS)	in 21 feet container(PCS)	in 40 feet container(PCS)
序号				
1	ID47(OD56)	44	34	66
2	ID54(OD65)	44	34	66
3	ID66(OD80)	25	22	50
4	ID84(OD100)	25	22	50
5	ID100(OD115)	25	18	40
6	ID150(OD175)	13	13	29
7	ID200(OD235)	10	9	21

III. 连接橡胶圈 Connection Rubber Ring				
No.	Name	Picture	Specification	Market Price(Rp/Pcs)
序号	名称	图片	规格(mm)	市场价 ( 印尼盾/个)
1	Corrugated Pipe Connection Rubber Ring 波纹管连接橡胶圈		OD56mm	25,600
2			OD65mm	27,000
3			OD80mm	28,200
4			OD100mm	29,500
5			OD115mm	30,800
6			OD175mm	38,500
7			OD235mm	46,200

IV. 单壁波纹管直接 Single Wall Corrugated Pipe Coupler				
No.	Name	Picture	Specification	Market Price(Rp/Pcs)
序号	名称	图片	规格(mm)	市场价 ( 印尼盾/个)
1	SWCP Straight Coupler 单壁波纹管直接		OD56mm	76,500
2			OD65mm	80,500
3			OD80mm	81,600
4			OD100mm	84,600
5			OD115mm	88,600
6			OD175mm	162,900
7			OD235mm	182,700



## PIPA SPIRAL HDPE CORRUGATED DOUBLE WALL – SHUANGLIN PIPE

<b>I. HDPE双壁波纹管 HDPE Double Wall Corrugated Pipe</b>						
No	Name	Picture	Specification (mm)	Ring stiffness KN/m2	Unit price Rp/m	Standard Length (meter)
序号	名称	图片	规格 (mm)	环刚度 KN/m2	单价 印尼盾/米	标准长度(米)
1	HDPE double wall corrugated pipe HDPE双壁波纹管		ID100 (4")	SN16	82,900	6
2			ID150 (6")	SN8	166,600	6
3			ID200 (8")	SN8	291,000	6
4			ID300 (12")	SN8	476,700	6
5			ID400 (16")	SN8	747,800	6
6			ID500 (20")	SN8	1,215,200	6
7			ID600 (24")	SN8	1,682,600	6

<b>II. HDPE双壁波纹管装车参考 HDPE Double Wall Corrugated Pipe Truck Loading Reference</b>				
No.	Specification 规格(mm)	loading quantity 装载量		
		in 6 meter truck(PCS)	in 21 feet container(PCS)	in 40 feet container(PCS)
序号				
1	ID100	400	400	800
2	ID150	170	170	340
3	ID200	100	100	200
4	ID300	42	42	84
5	ID400	25	25	50
6	ID500	19	19	38
7	ID600	9	9	18

<b>III. 连接橡胶圈 Connection Rubber Ring</b>				
No.	Name	Picture	Specification	Market price(Rp/Pcs)
序号	名称	图片	规格(mm)	市场价 ( 印尼盾 /个)
1	corrugated pipe connection rubber ring 波纹管连接橡胶圈		ID100	30,800
2			ID150	38,500
3			ID200	46,200
4			ID300	77,000
5			ID400	94,900
6			ID500	146,300
7			ID600	215,600



#### IV. HDPE双壁波纹管直接 Double Wall Corrugated Pipe Straight Coupler

NO.	Name	Picture	Specification(mm)	unit price Rp/pcs
序号	名称	图片	规格(mm)	单价 印尼盾/个
1	solid wall coupler 实壁连接套		ID100	84,600
2			ID150	162,900
3			ID200	182,700
4	corrugated coupler 波纹管连接套		ID300	1,014,800
5			ID400	1,847,100
6			ID500	2,674,100
7			ID600	3,678,600

#### V. HDPE波纹管90度弯头 HDPE Corrugated Pipe 90 degree elbow

NO.	Name	Picture	Specification(mm)	Unit price Rp/pcs
序号	名称	图片	规格(mm)	单价 印尼盾/个
1	corrugated pipe elbow 波纹管弯头		ID100	229,900
2			ID150	470,745
3			ID200	522,729
4			ID300	3,202,200
5			ID400	4,435,400
6			ID500	5,996,700
7			ID600	7,881,200

#### VI. 波纹管三通 HDPE Corrugated Pipe Tee

NO.	Name	Picture	Specification(mm)	Unit price Rp/pcs
序号	名称	图片	规格(mm)	单价 印尼盾/个
1	corrugated pipe tee 波纹管三通		ID100	322,749
2			ID150	684,117
3			ID200	792,600
4			ID300	3,271,500
5			ID400	4,520,800
6			ID500	6,128,400
7			ID600	8,667,900



### VII. 波纹管四通 Corrugated Pipe Cross Joint

NO.	Name	Picture	Specification(mm)	unit price Rp/pcs
序号	名称	图片	规格(mm)	单价 印尼盾/个
1	corrugated pipe cross 波纹管四通		ID100	415,700
2			ID150	897,500
3			ID200	1,001,500
4			ID300	3,770,700
5			ID400	5,420,400
6			ID500	7,517,500
7			ID600	10,841,200

### VIII. HDPE波纹管堵头 HDPE corrugated end cap

NO.	Name	Picture	Specification(mm)	unit price Rp/pcs
序号	名称	图片	规格(mm)	单价 印尼盾/个
1	HDPE corrugated pipe end cap HDPE波纹管堵头		ID100	266,800
2			ID150	366,900
3			ID200	496,200
4			ID300	996,100
5			ID400	1,323,000
6			ID500	2,700,900
7			ID600	3,808,100

### IX. HDPE泄洪门 HDPE Flap Gate

NO.	Name	Picture	Specification (mm)	Unit price Rp/pcs
序号	名称	图片	规格(mm)	单价 印尼盾/个
1	HDPE flap gate HDPE 泄洪门		ID500	12,111,300
2	HDPE 泄洪门		ID600	12,344,200



## PIPA SPIRAL HDPE – SHUANGLIN PIPE

<b>I. HDPE大口徑纏繞管 HDPE Spiral Pipe</b>						
No	Name	picture	Specification(mm)	Ring stiffness KN/m <sup>2</sup>	Unit Price Rp/m	Standard Length (Meter)
序号	名称	图片	规格(mm)	环刚度 KN/m <sup>2</sup>	单价 印尼盾/米	标准长度(米)
1	HDPE纏繞管 HDPE spiral pipe		ID800 (32")	SN4	3,492,900	3/4/5/6/8/10/12
2			ID900 (36")	SN4	4,215,600	3/4/5/6/8/10/12
2			ID1000 (40")	SN4	5,408,400	3/4/5/6/8/10/12
3			ID1200 (48")	SN4	7,849,700	3/4/5/6/8/10/12
4			ID1500 (60")	SN4	12,393,500	3/4/5/6/8/10/12
5			ID1800 (70")	SN4	16,901,200	3/4/5/6/8/10/12
6			ID800 (32")	SN8	4,394,400	3/4/5/6/8/10/12
7			ID900 (36")	SN8	5,721,300	3/4/5/6/8/10/12
7			ID1000 (40")	SN8	6,234,700	3/4/5/6/8/10/12
8			ID1200 (48")	SN8	10,140,800	3/4/5/6/8/10/12
9	ID1500 (60")	SN8	15,612,900	3/4/5/6/8/10/12		
10	ID1800 (70")	SN8	22,597,600	3/4/5/6/8/10/12		

<b>II. HDPE大口徑纏繞管裝車參考 HDPE Spiral Pipe Truck Loading Reference</b>				
No.	Size	Loading Quantity 裝載量		
		In 6 meter truck(PCS)	In 21 Feet Container (PCS)	In 40 feet Container (PCS)
序号	规格	In 6 meter truck(PCS)	In 21 Feet Container (PCS)	In 40 feet Container (PCS)
1	ID800	6	6	12
2	ID1000	4	4	8
3	ID1200	3	3	6
4	ID1500	1	1	2
5	ID1800	1	1	2
6	ID800	6	6	12
7	ID1000	4	4	8
8	ID1200	3	3	6
9	ID1500	1	1	2
10	ID1800	1	1	2



### III. HDPE波纹管90度弯头 HDPE Corrugated Pipe 90 Degree Elbow

NO.	Name	Picture	Specification(mm)	unit price Rp/pcs
序号	名称	图片	规格(mm)	单价 印尼盾/个
1	HDPE波纹管90度弯头 90degree elbow		ID800	18,009,000
2			ID1000	45,070,200
3			ID1200	67,605,000
4			ID1500	112,864,200
5			ID1800	220,863,600

### VI. 波纹管三通 HDPE Corrugated Pipe Tee

NO.	Name	Picture	Specification(mm)	Unit Price Rp/Pcs
序号	名称	图片	规格(mm)	单价 印尼盾/个
1	波纹管三通 corrugated pipe tee		ID800	22,941,900
2			ID1000	67,605,300
3			ID1200	101,407,500
4			ID1500	169,296,300
5			ID1800	331,295,400

### VII. 波纹管四通 Corrugated pipe cross joint

NO.	Name	Picture	Specification(mm)	Unit Price Rp/Pcs
序号	名称	图片	规格(mm)	单价 印尼盾/个
1	波纹管四通 Corrugated Pipe Cross		ID800	30,067,200
2			ID1000	90,140,400
3			ID1200	135,210,000
4			ID1500	225,728,400
5			ID1800	441,727,200

### VIII. HDPE泄洪门 HDPE Flap Gate

NO.	Name	Picture	Specification(mm)	Unit Price Rp/Pcs
序号	名称	图片	规格(mm)	单价 印尼盾/个
1	HDPE泄洪门 HDPE Flap Gate		ID800	21,400,500
2			ID900	25,217,940
3			ID1000	26,545,200
4			ID1200	34,498,200
5			ID1500	45,084,600
6			ID1800	48,044,880

## MESIN LAS PIPA HDPE MANUAL SERIES - WELTECH

No		Model	Description	Welding Range	Price/Unit
1		SHDS160 2HP	Manual Operation, 2 Clamp Voltage : 220 V ± 10%, 50 Hz Heating Plate Max. Temp.: 270°C Total Power : 1710 Watt Gross Weight: 36 Kg, Nett Weight: 32 Kg	40 160 mm	Rp14.000.000
2		SHDS200 2HP	Manual Operation, 2 Clamp Voltage : 220 V ± 10%, 50 Hz Heating Plate Max. Temp.: 270°C Total Power: 2310 Watt Gross Weight: 45 Kg, Nett Weight: 42 Kg	50 200 mm	Rp17.000.000
3		SHDS 1604HP	Manual Operation, 4 Clamp Voltage : 220 V ± 10%, 50 Hz Heating Plate Max. Temp.: 270°C Total Power: 1710 Watt Gross Weight: 48 Kg, Nett Weight: 44 Kg	40-160 mm	Rp19.000.000
4		SHDS200 4HP	Manual Operation, 4 Clamp Voltage : 220 V ± 10%, 50 Hz Heating Plate Max. Temp.: 270°C Total Power : 2310 Watt Gross Weight: 58 Kg, Nett Weight: 54 Kg	50-200 mm	Rp27.000.000
5		SHDS160 2HY	Manual Operation, 2 Clamp Voltage : 220 V ± 10%, 50 Hz Heating Plate Max. Temp.: 270°C Total Power : 1710 Watt Gross Weight: 35 Kg, Nett Weight: 33 Kg	40-160 mm	Rp13.500.000
6		SHDS 200 2HY	Manual Operation, 2 Clamp Voltage : 220 V ± 10%, 50 Hz Heating Plate Max. Temp.: 270°C Total Power : 2310 Watt Gross Weight: 38,6 Kg, Nett Weight: 36 Kg	50-200 mm	Rp16.000.000

## MESIN LAS PIPA HDPE MANUAL SERIES - WELTECH

7		SHDS 250 2HY	Manual Operation, 2 Clamp	63-250 mm	Rp24.000.000
			Voltage : 220 V ± 10%, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power : 2830 Watt		
			Gross Weight: 67 Kg, Nett Weight: 63 Kg		
8		SHDS160 4HY	Manual Operation, 4 Clamp	40-160 mm	Rp16.500.000
			Voltage : 220 V ± 10%, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power : 1710 Watt		
			Gross Weight: 44,8 Kg, Nett Weight: 41 Kg		



## MESIN LAS PIPA HDPE HYDRAULIC SERIES - WELTECH

No		Model	Description	Welding Range	Price/Unit
1		SHD 160	Hidraulic Butt Fushion Machine	40-160 mm	Rp47.800.000
			Voltage : 220 V ± 10%, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power : 2.46 KW		
			Max. Working Pressure : 6 Mpa		
Overall Weight: 115 Kg					
2		SHD200	Hidraulic Butt Fushion Machine	50-200 mm	Rp53.500.000
			Voltage : 220 V ± 10%, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power : 3.06 K W		
			Max. Working Pressure : 6 Mpa		
Overall Weight: 126.5 Kg					
3		SHD 250	Hidraulic Butt Fushion Machine	63-250 mm	Rp60.000.000
			Voltage : 220 V ± 10%, 50 Hz		
			Heating Plate Max. Temp. : 270°C		
			Total Power : 3.85 KW		
			Max. Working Pressure : 6 Mpa		
Overall Weight: 170 Kg					
4		SHD 315	Hidraulic Butt Fushion Machine	75-315mm	Rp70.000.000
			Voltage : 220 V ± 10%, 50 Hz		
			Heating Plate Max. Temp. : 270°C		
			Total Power : 4.85 KW		
			Max. Working Pressure : 6 Mpa		
Overall Weight: 245 Kg					
5		SHD 355	Hidraulic Butt Fushion Machine	90 355 mm	Rp90.000.000
			Voltage : 220 V t 10%, 50 Hz		
			Heating Plate Max. Temp. : 270°C		
			Total Power : 5.85 KW		
			Max. Working Pressure : 6 Mpa		
Overall Weight : 245 Kg					



## MESIN LAS PIPA HDPE HYDRAULIC SERIES - WELTECH

6		SHD400	Hidraulic Butt Fushion Machine	180-400 mm	122.000.000
			Voltage : 380 V / 220 V, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power : 8.2 KW		
			Max. Working Pressure : 10 Mpa		
			Overall Weight: 635 Kg		
7		SHD 450	Hidraulic Butt Fushion Machine	180-450 mm	130.000.000
			Voltage : 380 V / 220 V, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power : 8.2 K W		
			Max. Working Pressure : 10 Mpa		
			Overall Weight: 635 Kg		
8		SHD 500	Hidraulic Butt Fushion Machine	200-500 mm	180.000.000
			Voltage : 380 V / 220 V, 50 Hz		
			Heating Plate Max. Temp. : 270°C		
			Total Power : 8.2 KW		
			Max. Working Pressure : 10 Mpa		
			Overall Weight : 635 Kg		
9		SHD 630	Hidraulic Butt Fushion Machine	315-630 mm	186.000.000
			Voltage : 380 V / 220 V, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power : 12.2 KW		
			Max. Working Pressure : 10 Mpa		
			Overall Weight: 635 Kg		
10		SHD 800	Hidraulic Butt Fushion Machine	450-800 mm	377.000.000
			Voltage : 380 V / 220 V, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 15.1 KW		
			Max. Working Pressure : 10 Mpa		
			Overall Weight: 1.300 Kg		
11		SHD 1000	Hidraulic Butt Fushion Machine	800-1000 mm	576.000.000
			Voltage : 380 V / 220 V, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 20 KW		
			Max. Working Pressure: 10 Mpa		
			Overall Weight: 2.200 Kg		

## MESIN LAS PIPA HDPE HYDRAULIC SERIES - WELTECH

12		SHD 1200	Hidraulic Butt Fushion Machine	450-800 mm	1.147.000.000
			Voltage : 380 V / 220 V, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 23 KW		
			Max. Working Pressure: 10 Mpa		
			Overall Weight: 3000 Kg		
13		SHD 1400	Hidraulic Butt Fushion Machine	1000-1400 mm	1 600.000.000
			Voltage : 380 V / 220 V, 50 Hz		
			Heating Plate Max. Temp. : 270°C		
			Total Power: K W		
			Max. Working Pressure : 10 Mpa		
			Overall Weight: Kg		
14		SHD 1600	Hidraulic Butt Fushion Machine	12000-1600 mm	1.900.000.000
			Voltage : 380 V / 220 V, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: K W		
			Max. Working Pressure: 10 Mpa		
			Overall Weight: Kg		



## MESIN LAS PIPA HDPE HYDRAULIC SERIES - ROTHENBERGER

No		Description	Type/Size	Price/Unit
1		SHD 160	63-160mm	Rp 82.000.000
		SHD 250	90-250mm	Rp 90.000.000
2		SHD 315	90-31 Smm	Rp 108.000.000
		SHD 355	90-355mm	Rp 124.000.000
3		SHD 450	200-450mm	Rp 188.000.000
		SHD 500	200-500mm	Rp 230.000.000
		SHD 630	315-630mm	Rp 250.000.000
4		SHD 800	450-800mm	Rp 544.000.000
		SHD 1000	630-1000mm	Rp 760.000.000
		SHD 1200	630-1200mm	Rp 1.188.000.000
		SHD 1400		Rp 1.870.000.000

## MESIN LAS PIPA HDPE MANUAL SERIES - AMD

No		Model	Description	Welding Range	Price/Unit
1		SHDS 160 T A2	Manual Operabon, 2 Clamp Voltage: 220 V ± 10%, 50 Hz Heating Plate Max. Temp.: 270°C Total Power: 1710 Watt Gross Weight: 36 Kg. Nett Weight: 32 Kg	40-160 mm	15.087.500
2		SHDS 200 T A2	Manual Operabon. 2 Clamp Voltage: 220 V ± 10%, 50 Hz Heating Plate Max. Temp.: 270°C Total Power: 2310 Watt Gross Weight: 45 Kg. Nett Weight: 42 Kg	50-200 mm	17.750.000
3		SHDS 160 T A4	Manual Operabon. 4 Clamp Voltage: 220 V ± 10%. 50 Hz Heating Plate Max. Temp.: 270°C Total Power: 1710 Watt Gross Weight: 48 Kg. Nett Weight: 44 Kg	40-160 mm	19.525.000
4		SHDS 200 T A4	Manual Operabon. 4 Clamp Voltage: 220 V ± 10%. 50 Hz Heating Plate Max. Temp.: 270°C Total Power: 2310 Watt Gross Weight: 58 Kg. Nett Weight: 54 Kg	50-200 mm	27.512.500
5		SHDS 160 Y A2	Manual Operabon. 2 Clamp Voltage: 220 V ± 10%. 50 Hz Heabng Plate Max. Temp.: 270°C Total Power: 1710 Watt Gross Weight: 35 Kg. Nett Weight: 33 Kg	40-160 mm	13.756.250
6		SHDS 200 Y A2	Manual Operation. 2 Clamp Voltage : 220 V ± 10%. 50 Hz Heating Plate Max. Temp.: 270°C Total Power: 2310 Watt Gross Weight: 38.6 Kg. Nett Weight: 36 Kg	50-200 mm	16.418.750
7		SHDS 250 Y A2	Manual Operabon. 2 Clamp Voltage: 220 V ± 10%. 50 Hz Heating Plate Max. Temp.: 270°C Total Power: 2830 Watt Gross Weight: 67 Kg. Nett Weight: 63 Kg	63-250 mm	24.406.250

## MESIN LAS PIPA HDPE MANUAL SERIES - AMD

8		SHDS 160 Y A4	Manual Operation. 4 Clamp	40-160 mm	16.862.500
			Voltage: 220 V± 10%. 50 Hz		
			Heabng Plate Max. Temp.: 270°C		
			Total Power: 1710 Watt		
			Gross Weight: 44.8 Kg. Nett Weight: 41 Kg		
9		SHDS 200 Y A4	Manual Operabon. 4 Clamp	50-200 mm	18.637.500
			Voltage: 220 V± 10%. 50 Hz		
			Heabng Plate Max. Temp.: 270°C		
			Total Power: 2310 Watt		
			Gross Weight: 51.7 Kg. Nett Weight: 45.5 Kg		
10		SHDS 250 Y A4	Manual Operation. 4 Clamp	63-250 mm	31.506.250
			Voltage: 220 V ± 10%. 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 2830 Watt		
			Gross Weight: 84 Kg. Nett Weight: 80 Kg		
11		SHDS 160 L A2	Manual Operation, 2 Clamp	40-160 mm	18.193.750
			Voltage : 220 V± 10%. 50 Hz		
			Heabng Plate Max. Temp.: 270°C		
			Total Power: 1710 Watt		
			Gross Weight: 42.5 Kg. Nett Weight: 39 Kg		
12		SHDS 200 L A2	Manual Operation. 2 Clamp	50-200 mm	20.412.500
			Voltage : 220 V ± 10%. 50 Hz		
			Heabng Plate Max. Temp.: 270°C		
			Total Power: 2310 Watt		
			Gross Weight: 45 Kg. Nett Weight: 43 Kg		
13		SHDS 250 L A2	Manual Operation. 2 Clamp	63-250 mm	44.275.000
			Voltage : 220 V± 10%. 50 Hz		
			Heabng Plate Max. Temp.: 270°C		
			Total Power: 2830 Watt		
			Gross Weight: 74 Kg. Nett Weight: 70 Kg		
14		SHDS16OLA4	Manual Operation. 4 Clamp	40-160 mm	26.181.250
			Voltage : 220 V ± 10%, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 1710 Watt		
			Gross Weight: 55 Kg. Nett Weighl: 51 Kg		



## MESIN LAS PIPA HDPE MANUAL SERIES - AMD

15		SHDS200LA4	Manual Operation, 4 Clamp	50-200 mm	27.956.250
			Voltage : 220 V ± 10%. 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 2310 Watt		
			Gross Weight: 63.6 Kg, Nett Weight: 60 Kg		
16		SHDS 250 L A4	Manual Operation. 4 Clamp	63-250 mm	50.587.500
			Voltage: 220 V ± 10%. 50 Hz		
			Heabng Plate Max. Temp.: 270°C		
			Total Power: 2830 Watt		
			Gross Weight: 120 Kg. Nett Weight: 115 Kg		

## MESIN LAS PIPA HDPE HYDRAULIC SERIES - AMD

No		Model	Description	Welding Range	Price/Unit
1		SHD160	Hidraulic Butt Fusion Machine	40-160 mm	50.587.500
			Voltage : 220 V ± 10%. 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 2.46 KW		
			Max. Working Pressure : 6 MPa		
Overall Weight: 115 Kg					
2		SHD200	Hkraulic Butt Fusion Machine	50-200 mm	54.634.500
			Voltage : 220 V ± 10%, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 3.06 KW		
			Max. Working Pressure : 6 MPa		
Overall Weight: 126.5 Kg					
3		SHD250	Hkraulic Butt Fusion Machine	63-250 mm	70.822.500
			Voltage : 220 V ± 10%, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 3.85 KW		
			Max. Working Pressure : 6 MPa		
Overall Weight: 170 Kg					
4		SHD315	Hkraulic Butt Fusion Machine	75-315 mm	79.591.000
			Voltage : 220 V ± 10%. 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 4.85 KW		
			Max. Working Pressure: 6 MPa		
Overall Weight: 204.5 Kg					
5		SHD450	Hkraulic Butt Fusion Machine	180-450 mm	141.645.000
			Voltage : 380V / 220V. 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 8.2 KW		
			Max. Working Pressure: 10 MPa		
Overall Weight: 635 Kg					
6		SHD630	Hkraulic Butt Fusion Machine	315-630 mm	198.977.500
			Voltage : 380V / 220V. 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 12.2 KW		
			Max. Working Pressure: 10 MPa		
Overall Weight: 635 Kg					
7		SHD800	Hidraulic Butt Fusion Machine	450-800 mm	424.935.000
			Voltage : 380V / 220V. 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 15.1 KW		
			Max. Working Pressure : 10 MPa		
Overall Weight: 1.300 Kg					



## MESIN LAS PIPA HDPE HYDRAULIC SERIES - AMD

8		SHD 1000	Hidraulic Butt Fusion Machine	800-1000 mm	714.970.000
			Voltage: 380V / 220V. 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 20 KW		
			Max. Working Pressure: 10 MPa		
			Overall Weight: 2.200 Kg		
9		SHD 1200	Hidraulic Butt Fusion Machine	800-1200 mm	1.315.275.000
			Voltage: 380V / 220V. 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: 23 KW		
			Max. Working Pressure: 10 MPa		
			Overall Weight: 3.000 Kg		
10		SHD 1400	Hidraulic Butt Fusion Machine	1000-1400 mm	1.696.500.000
			Voltage : 380V / 220V. 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: K W		
			Max. Working Pressure: 10 MPa		
			Overall Weight: Kg		
11		SHD 1600	Hidraulic Butt Fusion Machine	1200-1600 mm	1.979.250.000
			Voltage: 380V / 220V, 50 Hz		
			Heating Plate Max. Temp.: 270°C		
			Total Power: KW		
			Max. Working Pressure: 10 MPa		
			Overall Weight: Kg		

## ELECTRO FUSION & SOCKET FUSION WELDING MACHINE - AMD

1		EF 315	Electro Fusion 20-315 EF 315	20-315 mm	30.352.500
2		EF 500	Electro Fusion 20-500 EF 500	20-500 mm	40.470.000
3		EF 630	Electro Fusion 20-630 EF 630	20-630 mm	60.705.000

1		SF 63	Socket Fusion 20-63 SF 63	20-63 mm	2.158.400
2		SF 110	Socket Fusion 75-110 SF 110	75-110 mm	2.832.900
3		SF 160	Socket Fusion 160 SF 160	160 mm	4.047.000
4		SF 160 TT	Socket Fusion 63-160 SF 160 Table Top	63-160 mm	26.980.000

## PENYEWAAN MESIN LAS HDPE DAN JASA Pengerjaan

No		Type	Harga
1		SHD 160 Ukuran 40-160 mm	Rp.200.000/ hari Minimal lama sewa 7 hari
2		SHD 200 Ukuran 50 - 200 mm	Rp.250.000/ hari Minimal lama sewa 7 hari
3		SHDS 250 63 - 250 mm	Rp.300.000/ hari Minimal lama sewa 7 hari
4		SHDS 315 Ukuran 75 - 315 mm	Rp.350.000/ hari Minimal lama sewa 7 hari
5		SHD 355 Ukuran 90 - 355 mm	Rp.400.000/ hari Minimal lama sewa 7 hari
6		SHD 400 Ukuran 180 - 400 mm	Rp.450.000/ hari Minimal lama sewa 7 hari
7		SHD 450 Ukuran 180 - 450 mm	Rp.500.000/ hari Minimal lama sewa 7 hari



No		Type	Harga
8		SHD 500 Ukuran 200 - 500 mm	Rp.550.000/ hari Minimal lama sewa 7 hari
9		SHD 630 Ukuran 315 - 630 mm	Rp.600.000/ hari Minimal lama sewa 7 hari
10		SHD 800 Ukuran 450 - 800 mm	Rp.650.000/ hari Minimal lama sewa 7 hari
11		SHD 1000 Ukuran 800 - 1200 mm	Rp.700.000/ hari Minimal lama sewa 7 hari
12		SHD 1200 Ukuran 800 - 1200 mm	Rp.750.000/ hari Minimal lama sewa 7 hari
13		SHD 1400 Ukuran 40 - 160 mm	Rp.800.000/ hari Minimal lama sewa 7 hari
14		SHD 1600 Ukuran 1200 - 1600 mm	Rp.850.000/ hari Minimal lama sewa 7 hari

NOTE :

- **LAMA PENYEWAAN MINIMAL 7 HARI (BERLAKU KELIPATAN)**
- **KERUSAKAN FISIK SEPERTI PATAH / PECAH / HUMAN ERROR DITANGGUNG OLEH PENYEWA.**

## “JASA Pengerjaan”

### HARGA X INCH X PANJANG (METER)

#ContohPerhitungan;

HARGA JASA	INCH	PANJANG (METER)
10.000	2”	100

$$= 10.000 \times 2 \times 100$$

$$= Rp 2.000.000$$

NOTE :

- **HARGA BELUM TERMASUK BIA YA OPERASIONAL/MOBILISASI, KONSUMSI DAN TEMPAT TINGGAL PEKERJA.**

**\*\*HUBUNGI KAMI UNTUK KONSULTASI LEBIH LANJUT DAN NEGOSIASI HARGA TERBAIK!!**

## PIPA PPR - UNILON

PPR PIPE  
**UNILON**®  
 SYMBOL OF HIGH QUALITY PIPE

### DAFTAR HARGA PIPA PPR UNILON

(PANJANG 4 M/ BATANG)

Size		Type PN. 10		Type PN. 16		Type PN. 20	
OD. mm	OD Inch	Tebal mm	Harga (Rp)	Tebal mm	Harga (Rp)	Tebal mm	Harga (Rp)
20	1/2"	2.3	39.000	28	48.000	3.4	54.000
25	3/4"	2.3	51.000	3.5	74.850	4.2	82.900
32	r	2.9	82.000	4.4	120.300	5.4	136.500
40	1.1/4"	3.7	129.900	5.5	187.200	6.7	210.300
50	1.1/2"	4.6	201.450	6.9	292.200	8.3	328.350
63	2"	5.8	318.900	8.6	459.300	10.5	520.100
75	2 1/2"	6.8	446.300	10.3	653.750	12.5	736.300
90	3"	8.2	644.100	12.3	937.000	15.0	1.058.400
110	4"	10.0	956.600	15.1	1.403.900	18.3	1.581.600
125	5"	11.4	1.982.600	17.1	2.812.800	20.8	3.288.000
160	6"	14.6	3.259.000	21.9	4.593.600	26.6	5.381.000



Keterangan:

- Belum termasuk PPN 11%
- Harga Sewaktu-waktu dapat berubah

## FITTING PIPA PPR - UNILON

### DAFTAR HARGA FITTING PIPA PPR UNILON

TEE		
	Size (mm)	Harga (Rp.)
	20	5.190
	25	6.360
	32	9.300
	40	19.200
	50	31.800
	63	76.200

ELBOW 45°		
	Size (mm)	Harga (Rp.)
	20	4.400
	25	6.200
	32	8.100
	40	16.300
	50	28.870
	63	61.380

COUPLER		
	Size (mm)	Harga (Rp.)
	20	3.200
	25	3.600
	32	4.500
	40	9.100
	50	18.100
	63	28.950

ELBOW 90°		
	Size (mm)	Harga (Rp.)
	20	5.250
	25	6.750
	32	7.865
	40	15.960
	50	25.300
	63	43.500

ADAPTOR UNION		
	Size (mm)	Harga (Rp.)
	20	18.800
	25	30.600
	32	48.900
	40	81.900
	50	89.100
	63	148.800

END CAP		
	Size (mm)	Harga (Rp.)
	20	2.550
	25	3.250
	32	5.400
	40	23.500
	50	26.700
	63	38.400

## FITTING PIPA PPR - UNILON

### DAFTAR HARGA FITTING PIPA PPR UNILON

REDUCER		
	Size (mm)	Harga (Rp.)
	25 X 20	3.520
	32 X 20	5.250
	32 X 25	6.600
	40 X 20	8.550
	40 X 25	8.550
	40 X 32	10.800
	50 X 20	12.700
	50 X 25	14.700
	50 X 32	16.300
	50 X 40	17.900
	63 X 20	19.700
	63 X 35	19.700
	63 X 32	20.800
	63 X 40	29.870
	63 X 50	32.100

REDUCER TEE		
	Size (mm)	Harga (Rp.)
	25-20-25	8.700
	32-20-32	9.300
	32-25-32	9.600
	40-20-40	19.900
	40-25-40	21.000
	40-32-40	26.730
	50-20-50	39.000
	50-25-50	43.550
	50-32-50	45.300
	50-40-50	55.500
	63-20-63	69.900
	63-25-63	70.200
	63-32-63	72.600
	63-40-63	74.600
	63-50-63	78.000

FEMALE ELBOW TYPE B		
	Size (mm)	Harga (Rp.)
	20 X 3/4"	31.200
	32 X 1/2"	95.700
	32 X 3/4"	95.700

FEMALE ADAPTOR		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	27.900
	20 X 3/4"	40.800
	25 X 1/2"	28.950
	25 X 3/4"	36.000
	32 X 1/2"	70.100
	32 X 3/4"	65.600
	32 X 1"	78.750
	50 X 1/2"	212.850
	63 X 2"	394.200

FEMALE TEE TYPE B		
	Size (mm)	Harga (Rp.)
	20 X 3/4"	39.000
	25 X 3/4"	50.300
	32 1/2"	57.300
	32 X 3/4"	65.400

## PIPA PPR - VINILON

# Vinilon

### DAFTAR HARGA PIPA PPR S-5 PN 10 DAN S-3.2 PN 16 STANDAR SNI ISO 15874-2:2012 DIN 8077:2008

SERI PN untuk PP-R 100		S-5 PN 10		S-3.2 PN 16	
DN (mm)	Panjang per Batang (Mtr)	Tebal (mm)	HARGA (Rp.) BELUM TERMASUK PPN	Tebal (mm)	HARGA (Rp.) BELUM TERMASUK PPN
20	4	2,3	35.909,09	2,8	44.181,82
25	4	2,3	46.909,09	3,5	68.909,09
32	4	2,9	75.454,55	4,4	110.727,27
40	4	3,7	119.545,45	5,5	172.090,91
50	4	4,6	185.454,55	6,9	268.818,18
63	4	5,8	293.545,45	8,6	422.727,27
75	4	6,8	410.727,27	10,3	601.818,18
90	4	8,2	592.818,18	12,3	862.545,45
110	4	10,0	880.363,64	15,1	1.292.181,82
160	4	14,6	3.000.090,91	21,9	3.703.181,82

**Keterangan:**

- Harga tersebut belum termasuk PPN yang berlaku
- Harga sewaktu-waktu dapat berubah tanpa pemberitahuan



## PIPA PPR - VINILON

# Vinilon

### DAFTAR HARGA PIPA PPR S-2.5 PN 20

### STANDAR SNI ISO 15874-2:2012 DIN 8077:2008

SERI		S-2.5	
PN untuk PP-R 100		PN 20	
DN (mm)	Panjang per Batang (Mtr)	Tebal (mm)	HARGA (Rp.) BELUM TERMASUK PPN
20	4	3,4	49.727,27
25	4	4,2	76.272,73
32	4	5,4	125.454,55
40	4	6,7	193.363,64
50	4	8,3	302.181,82
63	4	10,5	478.727,27
75	4	12,5	677.818,18
90	4	15,0	974.181,82
110	4	18,3	1.455.909,09
160	4	26,6	4.208.181,82

**Keterangan:**

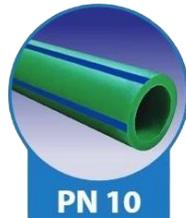
- Harga tersebut belum termasuk PPN yang berlaku
- Harga sewaktu-waktu dapat berubah tanpa pemberi tahu



## PIPA PPR - RUCIKA



### DAFTAR HARGA PIPA PPR RUCIKA PANJANG 4 M/ BATANG



DN		PN 10		PN 16		PN 20	
INCH	MM	Exc. PPN*	Inci. PPN**	Exc. PPN*	Inci. PPN**	Exc. PPN*	Inci. PPN**
1/2"	20	Rp 39.820	Rp 44.200	Rp 49.009	Rp 54.400	Rp 55.225	Rp 61.300
3/4"	25	Rp 52.162	Rp 57.900	Rp 76.577	Rp 85.000	Rp 84.775	Rp 94.100
1"	32	Rp 83.874	Rp 93.100	Rp 123.063	Rp 136.600	Rp 139.369	Rp 154.700
1 1/4"	40	Rp 132.883	Rp 147.500	Rp 191.261	Rp 212.300	Rp 214.865	Rp 238.500
1 1/2"	50	Rp 206.036	Rp 228.700	Rp 298.649	Rp 331.500	Rp 335.766	Rp 372.700
2"	63	Rp 326.126	Rp 362.000	Rp 469.640	Rp 521.300	Rp 531.982	Rp 590.500
2 1/2"	75	Rp 456.306	Rp 506.500	Rp 668.649	Rp 742.200	Rp 753.153	Rp 836.000
3"	90	Rp 658.649	Rp 731.100	Rp 958.378	Rp 1.063.800	Rp 1.082.432	Rp 1.201.500
4"	110	Rp 978.108	Rp 1.085.700	Rp 1.435.766	Rp 1.593.700	Rp 1.617.658	Rp 1.795.600
6"	160	Rp 3.333.423	Rp 3.700.100	Rp 4.833.423	Rp 5.365.100	Rp 5.512.883	Rp 6.119.300

## FITTING PIPA PPR - RUCIKA

### DAFTAR HARGA FITTING PIPA PPR RUCIKA

COUPLER		
	Size (mm)	Harga (Rp.)
	20	3.800
	25	4.100
	32	5.500
	40	10.700
	50	21.000
	63	33.300
	75	79.800
	90	96.800
	110	142.400
	160	712.600

CUP		
	Size (mm)	Harga (Rp.)
	20	3.000
	25	3.700
	32	6.200
	40	28.200
	50	30.800
	63	43.500
	75	119.000
	90	413.900
	110	457.300
	160	1.957.700

REDUCER MALE/ FEMALE		
	Size (mm)	Harga (Rp.)
	25 X 20	5.000
	32 X 20	7.000
	32 X 25	9.000
	40 X 25	13.300
	40 X 32	15.700
	50 X 32	23.700

ELBOW 45°		
	Size (mm)	Harga (Rp.)
	20	5.100
	25	7.300
	32	9.800
	40	18.600
	50	33.000
	63	69.300
	75	103.000
	90	176.100
	110	279.200
	160	1.128.600

REDUCED ELBOW		
	Size (mm)	Harga (Rp.)
	20 X 20	6.700
	32 X 20	6.900
	32 X 25	7.800

ELBOW 90°		
	Size (mm)	Harga (Rp.)
	20	5.900
	25	7.600
	32	8.700
	40	18.100
	50	28.800
	63	49.200
	75	85.800
	90	142.600
	110	219.600
	160	1.281.900

## FITTING PIPA PPR - RUCIKA

### DAFTAR HARGA FITTING PIPA PPR RUCIKA

REDUCER FEMALE		
	Size (mm)	Harga (Rp.)
	25 X 20	4.100
	32 X 20	6.900
	32 X 25	8.100
	40 X 20	10.700
	40 X 25	10.700
	40 X 32	12.700
	50 X 20	14.800
	50 X 25	17.000
	50 X 32	19.100
	50 X 40	20.500
	63 X 25	22.600
	63 X 32	23.800
	63 X 40	34.900
	63 X 50	37.000
	75 X 32	43.300
	75 X 40	47.500
	75 X 50	49.600
	75 X 63	55.300
	90 X 32	58.700
	90 X 40	61.500
90 X 50	63.800	
90 X 63	73.800	
90 X 75	83.800	
110 X 50	118.400	
110 X 63	120.300	
110 X 75	156.900	
110 X 90	195.200	
160 X 100	310.100	

REDUCER TEE		
	Size (mm)	Harga (Rp.)
	25 X 20 X 25	9.800
	32 X 20 X 32	11.100
	32 X 25 X 32	12.000
	40 X 20 X 40	24.000
	40 X 25 X 40	24.500
	40 X 32 X 40	30.700
	50 X 20 X 50	44.900
	50 X 25 X 50	44.900
	50 X 32 X 50	51.500
	50 X 40 X 50	62.800
	63 X 20 X 63	79.300
	63 X 25 X 63	80.600
	63 X 32 X 63	81.800
	63 X 40 X 63	83.800
	63 X 50 X 63	87.300
	75 X 25 X 75	100.100
	75 X 32 X 75	105.800
	75 X 40 X 75	112.700
	75 X 50 X 75	158.600
	75 X 63 X 75	158.600
	90 X 32 X 90	168.300
	90 X 40 X 90	180.400
	90 X 50 X 90	198.000
	90 X 63 X 90	205.800
	90 X 75 X 90	257.600
110 X 50 X 110	296.000	
110 X 63 X 110	319.500	
110 X 75 X 110	364.600	
110 X 90 X 110	401.100	
160 X 90 X 160	862.200	
160 X 110 X 160	965.900	

FLANGE ADAPTOR		
	Size (mm)	Harga (Rp.)
	63	46.900
	75	104.700
	90	160.400
	110	200.600

## FITTING PIPA PPR - RUCIKA

### DAFTAR HARGA FITTING PIPA PPR RUCIKA

STRAIGHT WAY VALVE		
	<b>Size (mm)</b>	<b>Harga (Rp.)</b>
	20	121.800
	25	195.100
	32	247.400
	40	413.900
	50	501.500
	63	870.400

EQUAL TEE		
	<b>Size (mm)</b>	<b>Harga (Rp.)</b>
	20	5.900
	25	7.200
	32	10.400
	40	22.100
	50	36.000
	63	86.200
	75	137.300
	90	178.400
	110	314.500
160	1.602.200	

FEMALE THREAD JOINT		
	<b>Size (mm)</b>	<b>Harga (Rp.)</b>
	20 X 1/2"	31.700
	20 X 3/4"	46.300
	25 X 1/2"	34.200
	25 X 3/4"	41.900
	32 3/4"	80.100
	32 X 1"	88.100
	40 X 1 1/4"	235.400
	50 X 1 1/2"	240.000
	63 X 2"	439.500
	75 X 2 1/2"	554.700
90 X 3"	816.200	

MALE THREAD JOINT		
	<b>Size (mm)</b>	<b>Harga (Rp.)</b>
	20 X 1/2"	40.600
	20 X 3/4"	61.400
	25 X 1/2"	40.800
	25 X 3/4"	57.000
	32 3/4"	89.300
	32 X 1"	105.400
	40 X 1 1/4"	201.800
	50 X 1 1/2"	317.700
	63 X 2"	482.600
	75 X 2 1/2"	890.400
90 X 3"	1.395.400	

FEMALE THREAD TEE		
	<b>Size (mm)</b>	<b>Harga (Rp.)</b>
	20	38.800
	25	44.000
	32	49.100
	40	56.400
	50	64.900
	63	73.400
	75	118.500

## FITTING PIPA PPR - RUCIKA

### DAFTAR HARGA FITTING PIPA PPR RUCIKA

MALE THREAD TEE		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	53.900
	20 X 3/4"	73.600
	25 X 1/2"	56.400
	25 X 3/4"	69.200
	32 X 1/2"	128.700
	32 X 3/4"	132.800
	32 X 1"	196.400

ELBOW FEMALE THREAD WITH DISK		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	50.800
	25 X 1/2"	51.100

ELBOW FEMALE THREAD 90°		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	34.100
	25 X 1/2"	44.100
	25 X 3/4"	51.700
	32 X 1"	108.300

ELBOW MALE THREAD WITH DISK		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	71.800
	25 X 1/2"	73.500

ELBOW MALE THREAD 90°		
	Size (mm)	Harga (Rp.)
	20 X 1/2"	48.900
	25 X 1/2"	53.300
	25 X 3/4"	75.300
	32 X 1"	115.600

## FITTING BRASS - HQ

### DAFTAR HARGA FITTING BRASS - HQ

#### LOCKABLE STRAIGHT DRAT MAGNETIC (FOR PIPA GI) W/ COUPLING

	Size	Harga (Rp.)
	3/4" X 3/4"	130.000
	1/2" X 1/2"	120.000

#### LOCKABLE ANGLE COMPRESS MAGNETIC (FOR PIPA PE) W/ COUPLING

	Size	Harga (Rp.)
	20 mm X 3/4"	155.100
	25 mm X 3/4"	159.200

#### LOCKABLE ANGLE BRASS MAGNETIC (FOR PIPA PE) W/ COUPLING

	Size	Harga (Rp.)
	20 mm X 3/4"	150.600
	25 mm X 3/4"	156.500

#### LOCKABLE ANGLE BRASS (FOR PIPA GI) W/ COUPLING

	Size	Harga (Rp.)
	1/2" X 3/4"	132.950
	3/4" X 3/4"	132.950

#### BRASS CHECK VALVE BSPT

	Size	Harga (Rp.)
	1/2"	57.981
	3/4"	88.678
	1"	119.372
	1 1/4"	197.816
	1 1/2"	272.849
	2"	426.327
	2 1/2"	927.688
	3"	1.207.359
4"	1.978.159	

#### BRASS PLUG KRAN BSPT

	Size	Harga (Rp.)
	1/2"	56.950
	3/4"	106.100

#### BRASS ZINK BIBCOCK

	Size	Harga (Rp.)
	1/2"	20.285
	3/4"	27.200

## BRASS VALVE - HQ

### DAFTAR HARGA FITTING BRASS - HQ

BRASS CHECK VALVE BSPT		
	Size	Harga (Rp.)
	1/2"	87.263
	3/4"	121.659
	1"	188.517
	1 1/4"	285.201
	1 1/2"	361.542
	2"	549.500
	2 1/2"	880.200
	3"	1.129.300
	4"	1.856.118

BRASS CHECK VALVE BSPT		
	Size	Harga (Rp.)
	1/2"	80.765
	3/4"	113.071
	1"	164.468
	1 1/4"	236.470
	1 1/2"	321.356
	2"	489.438
	2 1/2"	862.129
	3"	1.154.636
	4"	1.924.394

PVC BALL VALVE			
	Size	Pcs/ Karton	Harga (Rp.)
	1/2"	200	13.275
	3/4"	150	17.838
	1"	100	24.890
	1 1/4"	50	42.728
	1 1/2"	30	54.758
	2"	20	79.233

BRASH Y STRAINER BSPT				
	Size	Pcs/ Box	Pcs/ Karton	Harga (Rp.)
	1/2"	9	90	46.683
	3/4"	8	48	78.496
	1"	5	30	129.675
	1 1/4"	2	24	183.965
	1 1/2"	1	12	243.442
	2"	2	12	397.668

BRASH TUSEN KLEP BSPT				
	Size	Pcs/ Box	Pcs/ Karton	Harga (Rp.)
	1/2"	25	200	41.496
	3/4"	18	144	57.748
	1"	10	80	85.067
	1 1/4"	4	40	137.282
	1 1/2"	3	30	187.077
	2"	2	20	296.700
	2 1/2"	-	-	456.500
	3"	1	8	574.000
	4"	-	-	1.028.800

## FITTING BRASS - WESTPEX

### DAFTAR HARGA FITTING BRASS - WESTPEX

#### BRASS GATE VALVE

	Size	Harga (Rp.)
	1/2"	75.036

#### BRASS SWING CHECK VALVE

	Size	Harga (Rp.)
	1/2"	59.052

#### BRASS LOCKABLE CHECK VALVE

	Size	Harga (Rp.)
	1/2"	105.117

#### BRASS ANGLE MAGNETIC

	Size	Harga (Rp.)
	1/2"	134.088

#### LOCKABLE KEY

	Size	Harga (Rp.)
	-	130.000

#### DOUBLE NIPPLE

	Size	Harga (Rp.)
	1/2"	25.000

## FITTING BRASS - OKUMA

### DAFTAR HARGA FITTING BRASS - OKUMA

GET VALVE BRASS		
	Size	Harga (Rp.)
	1/2"	73.000
	3/4"	104.000
	1"	152.000
	1 1/4"	220.000
	1 1/2"	299.000
	2"	472.000
	2 1/2"	800.000
	3"	1.064.000
	4"	1.775.000

BALL VALVE BRASS		
	Size	Harga (Rp.)
	1/2"	75.000
	3/4"	104.000
	1"	165.000
	1 1/4"	237.000
	1 1/2"	297.000
	2"	482.000
	2 1/2"	764.000
	3"	980.000
	4"	1.628.000

BALL VALVE BRASS MALE X FEMALE		
	Size	Harga (Rp.)
	1/2"	57.000

PLUG KRAN BRASS		
	Size	Harga (Rp.)
	1/2"	57.000

SWING CHECK VALVE BRASS		
	Size	Harga (Rp.)
	1/2"	64.000
	3/4"	85.000
	1"	115.000
	1 1/4"	185.000
	1 1/2"	260.000
	2"	405.000
	2 1/2"	890.000
	3"	1.160.000
	4"	1.898.000

TUSEN KLEP BRASS		
	Size	Harga (Rp.)
	1/2"	39.000
	3/4"	52.000
	1"	80.000
	1 1/4"	120.000
	1 1/2"	165.000
	2"	275.000
	2 1/2"	415.000
	3"	520.000
	4"	945.000

Y STRAINER BRASS		
	Size	Harga (Rp.)
	1/2"	52.000
	3/4"	88.000
	1"	120.000
	1 1/4"	180.000
	1 1/2"	260.000
2"	375.000	

## FITTING BRASS - YUTHA

### DAFTAR HARGA FITTING BRASS - YUTHA

BALL VALVE 400 PSI Fig. FBS / FB		
	Size	Harga (Rp.)
	1/2"	103.230
	3/4"	148.500
	1"	234.500
	1 1/4"	414.141
	1 1/2"	546.009
	2"	865.356
	2 1/2"	2.037.072
	3"	2.757.684
	4"	5.803.635

GET VALVE 125 PSI Fig. GT		
	Size	Harga (Rp.)
	1/2"	105.450
	3/4"	155.511
	1"	231.546
	1 1/4"	347.652
	1 1/2"	468.975
	2"	683.205
	2 1/2"	1.343.544
	3"	1.865.577
	4"	3.589.296

CHECK VALVE 125 PSI Fig. C		
	Size	Harga (Rp.)
	1/2"	120.324
	3/4"	178.377
	1"	268.842
	1 1/4"	480.297
	1 1/2"	553.002
	2"	913.086
	2 1/2"	1.753.689
	3"	2.418.024
	4"	4.838.268

TUSEN KLEP Fig TL		
	Size	Harga (Rp.)
	1/2"	67.155
	3/4"	80.808
	1"	119.547
	1 1/4"	264.402
	1 1/2"	397.602
	2"	536.463
	2 1/2"	998.223
	3"	1.087.991
	4"	2.121.765

LOCKABLE STRAIGHT VALVE (LCBMS)		
	Size	Harga (Rp.)
	3/4" X 1"	147.743

L-ANGLE-V SCR BR YUTA LCBU-A		
	Size	Harga (Rp.)
	20 mm X 3/4"	203.241
	25 mm X 3/4"	206.793

Keterangan:

- Harga sudah termasuk PPN 11%

## FITTING BRASS - YUTHA

### DAFTAR HARGA FITTING BRASS - YUTHA

GLOBE VALVESCR BR YUTA 200# BK		
	Size	Harga (Rp.)
	1/2"	84.804
	3/4"	151.404
	1"	192.807
	1 1/4"	289.710
	1 1/2"	372.405
	2"	508.602

PLUG KRAN SCR BR YUTA MC		
	Size	Harga (Rp.)
	1/2"	93.795
	3/4"	218.448

LOCKABLE STRAIGHT VALVE LCB1S		
	Size	Harga (Rp.)
	25 mm X 3/4"	145.410

LOCKABLE ANGEL VALVE		
	Size	Harga (Rp.)
	3/4" X 3/4"	175.602
	1/2" X 3/4"	165.723
	20 mm X 3/4"	171.384
	25 mm X 3/4"	189.588

LOCKABLE STRAIGHT VALVE LCBMS		
	Size	Harga (Rp.)
	1/2" X 3/4"	132.645

DOUBLE NIPPLE (DNB)		
	Size	Harga (Rp.)
	1/2"	22.866
	3/4"	42.402
	1"	47.952

TEE BRASS MANUAL (TBM)		
	Size	Harga (Rp.)
	1"	112.554

TEE BRASS AUTOMATIC (TBA)		
	Size	Harga (Rp.)
	1"	120.800

TEE BRASS AUTOMATIC (TBA)		
	Size	Harga (Rp.)
	1 X 3/4"	24.864

## FITTING BRASS - YUTHA

### DAFTAR HARGA FITTING BRASS - YUTHA

BIBCOCK BLACK BCH		
	Size	Harga (Rp.)
	1/2"	38.073
	3/4"	46.065

BIBCOCK BLUE BCB		
	Size	Harga (Rp.)
	1/2"	33.744
	3/4"	42.291

BIBCOCK BLUE BCH		
	Size	Harga (Rp.)
	1/2"	48.714

BIBCOCK BR YUTA RED BCBS		
	Size	Harga (Rp.)
	1/2"	48.951
	3/4"	58.053

BIBCOCK BR YUTA RED BCBM		
	Size	Harga (Rp.)
	1/2"	54.723
	3/4"	65.379

BALL-V SCR BR YUTA 400# MFB		
	Size	Harga (Rp.)
	1/2"	121.989

L-ANGLE-V SCR BR YUTA LCBU1 A		
	Size	Harga (Rp.)
	1/2" X 3/4"	155.067
	3/4" X 3/4"	157.731

## FITTING BRASS

### DAFTAR HARGA FITTING BRASS

GATE VALVE BRASS (MINI)		
	Size	Harga (Rp.)
	1/2"	Rp. 55.500

GATE VALVE BRASS (MINI)		
	Size	Harga (Rp.)
	1/2"	Rp. 66.600

CHECK VALVE BRASS 1/2"		
	Size	Harga (Rp.)
	1/2"	Rp. 52.170

B ATAP KRAN / ZINC BIBCOCK		
	Size	Harga (Rp.)
	1/2"	Rp. 16.650

BOX METER	
	HARGA
	Rp. 30.000

## RESILIENT

GATE VALVE PN 16 RESILIENT				
	Spesifikasi	Ukuran	Harga/Pcs	
	<b>Body : DI</b> <b>Steam : SS420</b> <b>Preasure : PN 16</b> <b>Brand : KXC</b>		2"	Rp. 1.150.000
			2 ½"	Rp. 1.350.000
			3"	Rp. 1.450.000
			4"	Rp. 1.750.000
			6"	Rp. 2.900.000
			8"	Rp. 4.500.000
			10"	Rp. 7.500.000
			12"	Rp. 9.500.000
			14"	Rp. 19.500.000
		16"	Rp. 25.500.000	

## FITTING BRASS

### DAFTAR HARGA FITTING BRASS

GATE VALVE BRASS		
	Size	Harga (Rp.)
	1/2"	90.000
	3/4"	121.500
	1"	169.020
	1 1/4"	245.160
	1 1/2"	341.280
	2"	478.440
	2 1/2"	805.000
	3"	1.078.000
	4"	1.798.000

Y-STRAINER BRASS		
	Size	Harga (Rp.)
	1/2"	60.480
	3/4"	95.580
	1"	127.440
	1 1/4"	243.000
	1 1/2"	329.400
	2"	557.820

SWING CHECK VALVE BRASS		
	Size	Harga (Rp.)
	1/2"	62.640
	3/4"	90.720
	1"	133.920
	1 1/4"	213.300
	1 1/2"	285.120
	2"	430.380
	2 1/2"	894.000
	3"	1.164.000
4"	1.907.000	

AIR VALVE BRASS		
	Size	Harga (Rp.)
	1/2"	86.400
	3/4"	86.400
	1"	94.500

BALL VALVE BRASS		
	Size	Harga (Rp.)
	1/2"	102.060
	3/4"	144.720
	1"	222.480
	1 1/4"	354.780
	1 1/2"	464.940
	2"	672.300
	2 1/2"	1.343.520
	3"	2.263.140
	4"	3.096.900

## FITTING BRASS

### DAFTAR HARGA FITTING BRASS

PLUG KRAN BRASS		
	Size	Harga (Rp.)
	1/2"	82.000
	3/4"	130.000

LOCKABLE STRAIGHT VALVE COMPRESSION WITH COUPLING BRASS		
	Size	Harga (Rp.)
	1/2"	157.235
	3/4"	157.235

LOCKABLE ANGLE VALVE COMPRESSION WITH COUPLING BRASS		
	Size	Harga (Rp.)
	1/2"	168.353
	3/4"	168.353

MAGNETIC LOCKABLE STRAIGHT VALVE COMPRESSION WITH COUPLING BRASS		
	Size	Harga (Rp.)
	20 mm X 3/4"	167.778
	25 mm X 3/4"	167.778

MAGNETIC LOCKABLE ANGLE VALVE COMPRESSION WITH COUPLING BRASS		
	Size	Harga (Rp.)
	20 mm X 3/4"	180.360
	25 mm X 3/4"	180.360

LOCKABLE ANGLE VALVE THREAD WITH COUPLING BRASS		
	Size	Harga (Rp.)
	1/2" X 3/4"	111.780
	3/4" X 3/4"	111.780

LOCKABLE STRAIGHT VALVE THREAD WITH COUPLING BRASS		
	Size	Harga (Rp.)
	1/2" X 1/2"	90.180
	1/2" X 3/4"	90.180
	1/2" X 1/2"	102.060

ATAP KRAN ZINK SHORT		
	Size	Harga (Rp.)
	1/2"	18.500

## FITTING BRASS

### DAFTAR HARGA FITTING BRASS

MAGNETIC LOCKABLE STRAIGHT VALVE THREAD WITH COUPLING BRASS		
	Size	Harga (Rp.)
	1/2" X 1/2	157.235
	1/2" X 3/4"	157.235
	3/4" X 3/4"	157.235

MAGNETIC LOCKABLE ANGLE VALVE THREAD WITH COUPLING BRASS		
	Size	Harga (Rp.)
	1/2" X 3/4"	157.235
	3/4" X 3/4"	157.235

MAGNETIC LOCKABLE STRAIGHT VALVE THREAD BRASS		
	Size	Harga (Rp.)
	1/2"	130.000
	3/4"	157.000

SPRING CHECK VALVE BRASS		
	Size	Harga (Rp.)
	1/2"	51.900
	3/4"	84.800
	1"	108.000
	1 1/4"	183.100
	1 1/2"	291.100
	2"	404.000

MAGNETIC KEY BRASS		
	Size	Harga (Rp.)
	-	60.318

BALL SWING CHECK VALVE COUPLING WM BRASS		
	Size	Harga (Rp.)
	1/2"	180.000

LOCKABLE STRAIGHT VALVE THREAD WITH COUPLING BRASS		
	Size	Harga (Rp.)
	1/2"	90.000

ATAP KRAN ZINK LONG		
	Size	Harga (Rp.)
	1/2"	19.500

## PIPA PVC - LESSO

### DAFTAR HARGA PIPA PVC - LESSO

PVC Inch	AW Harga (Rp)	D Harga (Rp)
1/2"	32.772	-
3/4"	44.282	-
1"	60.532	-
1 1/4"	90.460	56.740
1 1/2"	103.868	64.190
2"	132.712	82.336
3"	272.466	155.734
4"	451.220	231.974



## FITTING GIP

### DAFTAR HARGA FITTING GIP

ELBOW 90° GIP 1/2"		
	Size	Harga (Rp.)
		1/2"

TEE GIP 1/2"		
	Size	Harga (Rp.)
		1/2"

DOUBLE NIPPLE GIP 1/2"		
	Size	Harga (Rp.)
		1/2"

PLUG / DOP DRAT LUAR GIP 1/2"		
	Size	Harga (Rp.)
		1/2"

LONG BOCH GIP 1/2"		
	Size	Harga (Rp.)
		1/2"

## PIPA GIP GALVANIS

### PIPA GALVANIS SPINDO

Size	Medium Hitam	Medium GIP	SCH.40 Hit	SCH.40 GIP	Tipis Hltam	Tipis GIP
	SNI 0039:2013		ASTM A53.Gr.A		PIPA TIPIS SNI	
1/2"	Rp. 276.000	Rp. 349.000	Rp. 288.000	Rp. 362.000	Rp. 222.000	Rp. 281.000
3/4"	Rp. 355.000	Rp. 449.000	Rp. 382.000	Rp. 481.000	Rp. 317.000	Rp. 401.000
1"	Rp. 533.000	Rp. 677.000	Rp. 554.000	Rp. 700.000	Rp. 446.000	Rp. 565.000
1 1/4"	Rp. 704.000	Rp. 893.000	Rp. 756.000	Rp. 955.000	Rp. 570.000	Rp. 724.000
1 1/2"	Rp. 809.000	Rp. 1.026.000	Rp. 899.000	Rp. 1.136.000	Rp. 729.000	Rp. 925.000
2"	Rp. 1.103.000	Rp. 1.400.000	Rp. 1.201.000	Rp. 1.517.000	Rp. 921.000	Rp. 1.169.000
2 1/2"	Rp. 1.407.000	Rp. 1.785.000	Rp. 1.913.000	Rp. 2.416.000	Rp. 1.295.000	Rp. 1.644.000
3"	Rp. 1.817.000	Rp. 2.307.000	Rp. 2.495.000	Rp. 3.152.000	Rp. 1.518.000	Rp. 1.926.000
4"	Rp. 2.631.000	Rp. 3.339.000	Rp. 3.548.000	Rp. 4.483.000	Rp. 2.186.000	Rp. 2.774.000
5"	Rp. 3.541.000	Rp. 4.494.000	Rp. 4.801.000	Rp. 6.066.000	Rp. 2.691.000	Rp. 3.415.000
6"	Rp. 4.216.000	Rp. 5.350.000	Rp. 6.206.000	Rp. 7.842.000	Rp. 3.185.000	Rp. 4.042.000
8"			Rp. 9.472.000	Rp. 12.009.000		
8" (6,1)	TANYA CS		Medium SNI Sekarang s/d d. 8"			
8" (4,9)	Rp. 6.042.000	Rp. 7.661.000	Tipis SNI d. 8" (4,9mm)			

- Exclude, PPN (+10% PPN)
- Loco Gudang
- Certificate Ready
- Harga & Stock tidak terikat

## PIPA PVC RUCIKA STANDARD UNTUK APLIKASI AIR BERSIH & AIR LIMBAH



PRODUK	DN		OD (mm)	4 M / BATANG		5,8 M / BATANG*	
	mm	inch		AW**	D***	AW**	D***
 <p><b>RUCIKA Standard</b></p>	16	½"	22	Rp. 26.800,-	*	Rp. 39.700,-	*
	20	¾"	26	Rp. 36.300,-	*	Rp. 54.400,-	*
	25	1"	32	Rp. 49.700,-	*	Rp. 74.100,-	*
	35	1¼"	42	Rp. 74.200,-	Rp. 46.600,-	Rp. 111.300,-	Rp. 70.200,-
	40	1½"	48	Rp. 85.200,-	Rp. 52.700,-	Rp. 127.600,-	Rp. 78.700,-
	50	2"	60	Rp. 108.900,-	Rp. 67.500,-	Rp. 162.900,-	Rp. 101.000,-
	65	2½"	76	Rp. 158.700,-	Rp. 91.200,-	Rp. 237.800,-	Rp. 136.600,-
	75	3"	89	Rp. 223.500,-	Rp. 121.000,-	Rp. 335.000,-	Rp. 181.100,-
	100	4"	114	Rp. 370.300,-	Rp. 190.300,-	Rp. 555.000,-	Rp. 285.100,-
	125	5"	140	Rp. 586.500,-	Rp. 292.900,-	Rp. 879.600,-	Rp. 438.800,-
	150	6"	165	Rp. 822.500,-	Rp. 386.200,-	Rp. 1.233.700,-	Rp. 578.800,-
	200	8"	216	Rp. 1.380.000,-	Rp. 679.000,-	Rp. 2.070.100,-	Rp. 1.018.100,-
	250	10"	267	Rp. 2.133.700,-	Rp. 1.118.400,-	Rp. 3.200.500,-	Rp. 1.677.300,-
300	12"	318	Rp. 3.008.500,-	Rp. 1.569.700,-	Rp. 4.512.500,-	Rp. 2.354.500,-	

## PIPA PVC RUCIKA JIS K-6741 / K-6742 UNTUK APLIKASI AIR BERSIH & AIR LIMBAH

PRODUK	DN		OD (mm)	4 M / BATANG		5,8 M / BATANG*	
	mm	inch		VP**	VU***	VP**	VU***
 <p><b>RUCIKA JIS</b></p>	16	½"	22	Rp. 48.500,-	*	Rp. 69.700,-	*
	20	¾"	26	Rp. 58.000,-	*	Rp. 84.200,-	*
	25	1"	32	Rp. 84.200,-	*	Rp. 121.700,-	*
	35	1¼"	42	Rp. 113.600,-	*	Rp. 164.000,-	*
	40	1½"	48	Rp. 147.500,-	Rp. 77.400,-	Rp. 213.700,-	Rp. 111.900,-
	50	2"	60	Rp. 209.400,-	Rp. 97.600,-	Rp. 303.400,-	Rp. 141.100,-
	65	2½"	76	Rp. 269.300,-	Rp. 154.300,-	Rp. 390.400,-	Rp. 223.400,-
	75	3"	89	Rp. 429.000,-	Rp. 225.500,-	Rp. 621.400,-	Rp. 327.000,-
	100	4"	114	Rp. 662.800,-	Rp. 338.300,-	Rp. 960.700,-	Rp. 490.400,-
	125	5"	140	Rp. 829.600,-	Rp. 509.400,-	Rp. 1.202.800,-	Rp. 738.500,-
	150	6"	165	Rp. 1.245.400,-	Rp. 732.200,-	Rp. 1.805.900,-	Rp. 1.061.800,-
	200	8"	216	Rp. 1.883.600,-	Rp. 1.221.600,-	Rp. 2.730.600,-	Rp. 1.771.200,-
	250	10"	267	Rp. 2.869.700,-	Rp. 1.809.000,-	Rp. 4.160.500,-	*
300	12"	318	Rp. 4.070.800,-	Rp. 2.539.900,-	Rp. 5.902.100,-	*	

**Keterangan:**  
 - \* Khusus Wilayah Medan.  
 - \*\* AW / VP : Pipa untuk tekanan kerja 10 Kg / cm<sup>2</sup> | \*\*\* D / VU : Pipa untuk aplikasi air limbah.  
 - Harga sudah termasuk PPN 11%.  
 - Perubahan harga dapat terjadi tanpa pemberitahuan terlebih dahulu.  
 - DN: Diameter Nominal | OD: Outside Diameter

# RUCIKA

*Dimana air mengalir sampai jauh*



**RUGlue**  
 LEM PIPA & FITTING PVC  
**Rekat Sempurna**  
 LEM PIPA - SAMBUNGAN (FITTING) PVC

Lem Pipa uPVC		
Jenis	Ukuran	Harga
Kemasan Tube	50 Gr	Rp.13.000,-
Kemasan Botol	60 Gr	Rp.12.300,-
Kemasan Kaleng	400 Gr	Rp.61.100,-

## FITTING RUCIKA STANDARD JIS K - 6743 UNTUK APLIKASI AIR BERSIH BERTEKANAN

### Clean Out (AW)

	DN		ISI / BOX	HARGA / PCS
	mm	inch		
	50	2"	36	Rp. 14.100,-
	75	3"	16	Rp. 31.000,-
	100	4"	18	Rp. 51.500,-
	150	6"	2	Rp. 134.900,-

### FAUCET ELBOW (AW)

	DN		ISI / BOX	HARGA / PCS
	mm	inch		
	16 x 1/2"	1/2"	200	Rp. 2.500,-
	20 x 1/2"	1/2" x 3/4"	175	Rp. 2.800,-
	20 x 3/4"	3/4"	130	Rp. 3.700,-
	25 x 1"	1"	85	Rp. 5.300,-

### UNION SOCKET (AW)

	DN		ISI / BOX	HARGA / PCS
	mm	inch		
	16	1/2"	110	Rp. 27.800,-
	20	3/4"	72	Rp. 34.000,-
	25	1"	54	Rp. 46.600,-
	35	1 1/4"	30	Rp. 77.300,-
	40	1 1/2"	18	Rp. 105.400,-

### UNION THREAD (AW)

	DN		ISI / BOX	HARGA / PCS
	mm	inch		
	16	1/2"	110	Rp. 27.800,-
	20	3/4"	72	Rp. 34.000,-
	25	1"	54	Rp. 46.600,-
	35	1 1/4"	30	Rp. 77.300,-
	40	1 1/2"	18	Rp. 105.400,-

# RUCIKA

*Dimana air mengalir sampai jauh*

## FAUCET ELBOW with Metal Insert ( AW )



DN		ISI / BOX	HARGA / PCS
mm	inch		
16	½"	200 (4@50PCS)	Rp. 10.400,-
16 x 20	½" x ¾"	180	Rp. 15.100,-
20	¾"	120 (4@30PCS)	Rp. 17.600,-

## FAUCET SOCKET with Metal Insert ( AW )



DN		ISI / BOX	HARGA / PCS
mm	inch		
16	½"	240 (4@60PCS)	Rp. 10.100,-
16 x 20	½" x ¾"	205	Rp. 14.800,-
20	¾"	160 (4@40PCS)	Rp. 16.700,-

## ELBOW ( AW )



DN		ISI / BOX	HARGA / PCS
mm	inch		
16	½"	225	Rp. 2.500,-
20	¾"	145	Rp. 3.200,-
25	1"	80	Rp. 4.700,-
35	1¼"	40	Rp. 8.100,-
40	1½"	25	Rp. 11.200,-
50	2"	18	Rp. 16.900,-
65	2½"	28	Rp. 26.700,-
75	3"	16	Rp. 44.400,-
100	4"	9	Rp. 82.100,-
125	5"	5	Rp. 124.200,-
150	6"	5	Rp. 207.500,-
200	8"	2	Rp. 469.800,-
250	10"	1	Rp. 627.900,-
300	12"	1	Rp. 932.700,-

## VALVE SOCKET ( AW )



DN		ISI / BOX	HARGA / PCS
mm	inch		
16 x ½"	½"	450	Rp. 1.700,-
20 x ½"	½" x ¾"	250	Rp. 2.700,-
16 x ¾"	¾" x ½"	285	Rp. 2.400,-
20 x ¾"	¾"	320	Rp. 2.500,-
16 x 1"	1" x ½"	200	Rp. 2.700,-
20 x 1"	1" x ¾"	175	Rp. 2.800,-
25 x 1"	1"	175	Rp. 3.200,-
35 x 1¼"	1¼"	100	Rp. 5.700,-
40 x 1½"	1½"	60	Rp. 7.800,-
50 x 2"	2"	40	Rp. 11.300,-
65 x 2½"	2½"	54	Rp. 12.600,-
75 x 3"	3"	48	Rp. 26.200,-
100 x 4"	4"	18	Rp. 46.200,-

## REDUCING SOCKET ( AW )



DN		ISI / BOX	HARGA / PCS
mm	inch		
20 x 16	¾" x ½"	225	Rp. 2.700,-
25 x 16	1" x ½"	215	Rp. 2.800,-
25 x 20	1" x ¾"	150	Rp. 3.600,-
35 x 16	1¼" x ½"	110	Rp. 3.900,-
35 x 20	1¼" x ¾"	110	Rp. 4.600,-
35 x 25	1¼" x 1"	110	Rp. 5.300,-
40 x 16	1½" x ½"	72	Rp. 5.700,-
40 x 20	1½" x ¾"	65	Rp. 6.000,-
40 x 25	1½" x 1"	65	Rp. 7.300,-
40 x 35	1½" x 1¼"	45	Rp. 8.200,-
50 x 16	2" x ½"	45	Rp. 8.500,-
50 x 20	2" x ¾"	45	Rp. 9.100,-
50 x 25	2" x 1"	40	Rp. 10.000,-
50 x 35	2" x 1¼"	45	Rp. 11.600,-
50 x 40	2" x 1½"	40	Rp. 12.400,-
65 x 40	2½" x 1½"	20	Rp. 17.900,-
65 x 50	2½" x 2"	20	Rp. 19.400,-
75 x 20	3" x ¾"	20	Rp. 14.400,-
75 x 25	3" x 1"	16	Rp. 14.900,-
75 x 35	3" x 1¼"	16	Rp. 18.200,-
75 x 40	3" x 1½"	16	Rp. 20.200,-
75 x 50	3" x 2"	16	Rp. 21.600,-
75 x 65	3" x 2½"	12	Rp. 32.100,-
100 x 40	4" x 1½"	18	Rp. 52.800,-
100 x 50	4" x 2"	18	Rp. 57.400,-
100 x 65	4" x 2½"	18	Rp. 58.600,-
100 x 75	4" x 3"	18	Rp. 61.300,-
125 x 75	5" x 3"	9	Rp. 83.600,-
125 x 100	5" x 4"	10	Rp. 92.400,-
150 x 75	6" x 3"	5	Rp. 105.300,-
150 x 100	6" x 4"	5	Rp. 114.800,-
150 x 125	6" x 5"	5	Rp. 120.200,-
200 x 100	8" x 4"	4	Rp. 206.300,-
200 x 125	8" x 5"	2	Rp. 221.500,-
200 x 150	8" x 6"	2	Rp. 235.200,-
250 x 200	10" x 8"	2	Rp. 411.100,-

# RUCIKA

*Dimana air mengalir sampai jauh*

## SOCKET ( AW )



mm	DN		ISI / BOX	HARGA / PCS
	mm	inch		
16	1/2"	1/2"	300	Rp. 2.200,-
20	3/4"	3/4"	200	Rp. 2.600,-
25	1"	1"	100	Rp. 3.800,-
35	1 1/4"	1 1/4"	64	Rp. 6.300,-
40	1 1/2"	1 1/2"	40	Rp. 9.100,-
50	2"	2"	25	Rp. 14.000,-
65	2 1/2"	2 1/2"	40	Rp. 23.300,-
75	3"	3"	32	Rp. 33.500,-
100	4"	4"	12	Rp. 66.100,-
150	6"	6"	4	Rp. 139.100,-
200	8"	8"	4	Rp. 280.800,-
250	10"	10"	2	Rp. 444.700,-

## CAP ( AW )



mm	DN		ISI / BOX	HARGA / PCS
	mm	inch		
16	1/2"	1/2"	500	Rp. 1.500,-
20	3/4"	3/4"	400	Rp. 1.700,-
25	1"	1"	250	Rp. 2.600,-
35	1 1/4"	1 1/4"	128	Rp. 4.100,-
40	1 1/2"	1 1/2"	84	Rp. 7.000,-
50	2"	2"	54	Rp. 8.100,-
65	2 1/2"	2 1/2"	20	Rp. 16.600,-
75	3"	3"	48	Rp. 25.000,-
100	4"	4"	18	Rp. 52.300,-
150	6"	6"	8	Rp. 89.700,-

## FAUCET SOCKET ( AW )



mm	DN		ISI / BOX	HARGA / PCS
	mm	inch		
16 x 1/2"	1/2"	1/2"	300	Rp. 2.200,-
20 x 1/2"	1/2" x 3/4"	3/4"	200	Rp. 2.600,-
20 x 3/4"	3/4"	3/4"	180	Rp. 2.800,-
25 x 1/2"	1/2" x 1"	1"	165	Rp. 2.800,-
25 x 3/4"	3/4" x 1"	1"	150	Rp. 3.500,-
16 x 1"	1" x 1/2"	1/2"	140	Rp. 3.500,-
20 x 1"	1" x 3/4"	3/4"	130	Rp. 3.700,-
25 x 1"	1"	1"	120	Rp. 4.600,-
35 x 1 1/4"	1 1/4"	1 1/4"	60	Rp. 6.900,-
40 x 1 1/2"	1 1/2"	1 1/2"	40	Rp. 9.100,-
50 x 2"	2"	2"	25	Rp. 11.300,-
65 x 2 1/2"	2 1/2"	2 1/2"	12	Rp. 11.800,-
75 x 3"	3"	3"	8	Rp. 28.400,-
100 x 4"	4"	4"	18	Rp. 55.500,-

## FLANGE ( AW )



mm	DN		ISI / BOX	HARGA / PCS
	mm	inch		
50	2"	2"	31	Rp. 33.500,-
65	2 1/2"	2 1/2"	15	Rp. 43.700,-
75	3"	3"	15	Rp. 51.800,-
100	4"	4"	12	Rp. 85.500,-
150	6"	6"	8	Rp. 195.000,-

## Y - BRANCH ( AW )



mm	DN		ISI / BOX	HARGA / PCS
	mm	inch		
50	2"	2"	20	Rp. 37.200,-
65 x 50	2 1/2" x 2"	2 1/2"	17	Rp. 48.200,-
65	2 1/2"	2 1/2"	10	Rp. 52.800,-
75 x 50	3" x 2"	3"	11	Rp. 56.600,-
75	3"	3"	10	Rp. 80.500,-
100 x 50	4" x 2"	4"	7	Rp. 101.600,-
100 x 75	4" x 3"	4"	6	Rp. 115.600,-
100	4"	4"	4	Rp. 169.500,-
150 x 75	6" x 3"	6"	2	Rp. 298.000,-
150 x 100	6" x 4"	6"	4	Rp. 319.900,-
200 x 100	8" x 4"	8"	3	Rp. 497.200,-
200	8"	8"	2	Rp. 1.433.900,-

## PLUG ( AW )



mm	DN		ISI / BOX	HARGA / PCS
	mm	inch		
16	1/2"	1/2"	1200 (6@200pcs)	Rp. 1.400,-
20	3/4"	3/4"	700 (7@100pcs)	Rp. 1.700,-
25	1"	1"	575	Rp. 1.900,-

## DOUBLE NIPPLE ( AW )



mm	DN		ISI / BOX	HARGA / PCS
	mm	inch		
16	1/2"	1/2"	560	Rp. 1.400,-
20	3/4"	3/4"	335	Rp. 1.700,-
25	1"	1"	220	Rp. 2.800,-

# RUCIKA

*Dimana air mengalir sampai jauh*

## 45° ELBOW ( AW )



DN		ISI / BOX	HARGA / PCS
mm	inch		
25	1"	90	Rp. 5.300,-
35	1¼"	48	Rp. 9.100,-
40	1½"	27	Rp. 11.400,-
50	2"	44	Rp. 19.300,-
65	2½"	24	Rp. 29.400,-
75	3"	18	Rp. 46.300,-
100	4"	18	Rp. 80.200,-
125	5"	4	Rp. 118.300,-
150	6"	4	Rp. 228.800,-
200	8"	2	Rp. 491.400,-
250	10"	1	Rp. 991.700,-

## TEE ( AW )



DN		ISI / BOX	HARGA / PCS
mm	inch		
16	½"	150	Rp. 3.200,-
20 x 16	¾" x ½"	100	Rp. 4.300,-
20	¾"	100	Rp. 4.300,-
25 x 16	1" x ½"	65	Rp. 6.300,-
25 x 20	1" x ¾"	65	Rp. 6.500,-
25	1"	60	Rp. 6.900,-
35 x 16	1¼" x ½"	45	Rp. 9.100,-
35 x 20	1¼" x ¾"	45	Rp. 9.800,-
35 x 25	1¼" x 1"	35	Rp. 11.000,-
35	1¼"	30	Rp. 11.300,-
40 x 16	1½" x ½"	25	Rp. 12.600,-
40 x 20	1½" x ¾"	24	Rp. 12.600,-
40 x 25	1½" x 1"	24	Rp. 13.500,-
40 x 35	1½" x 1¼"	20	Rp. 15.000,-
40	1½"	20	Rp. 15.000,-
50 x 16	2" x ½"	17	Rp. 15.100,-
50 x 20	2" x ¾"	15	Rp. 15.300,-
50 x 25	2" x 1"	15	Rp. 15.900,-
50 x 35	2" x 1¼"	40	Rp. 21.700,-
50 x 40	2" x 1½"	12	Rp. 21.800,-
50	2"	30	Rp. 23.800,-
65 x 40	2½" x 1½"	6	Rp. 36.100,-
65 x 50	2½" x 2"	17	Rp. 36.300,-
65	2½"	16	Rp. 38.800,-
75 x 20	3" x ¾"	20	Rp. 32.300,-
75 x 25	3" x 1"	18	Rp. 33.300,-
75 x 35	3" x 1¼"	18	Rp. 37.300,-
75 x 40	3" x 1½"	16	Rp. 39.100,-
75 x 50	3" x 2"	20	Rp. 42.100,-
75 x 65	3" x 2½"	10	Rp. 48.100,-
75	3"	12	Rp. 54.800,-
100 x 40	4" x 1½"	8	Rp. 83.700,-
100 x 50	4" x 2"	6	Rp. 84.500,-
100 x 65	4" x 2½"	7	Rp. 100.300,-
100 x 75	4" x 3"	6	Rp. 102.600,-
100	4"	5	Rp. 109.400,-
125 x 75	5" x 3"	4	Rp. 145.200,-
125 x 100	5" x 4"	6	Rp. 149.100,-
125	5"	5	Rp. 192.800,-
150 x 50	6" x 2"	3	Rp. 217.300,-
150 x 75	6" x 3"	2	Rp. 241.500,-
150 x 100	6" x 4"	2	Rp. 251.800,-
150 x 125	6" x 5"	4	Rp. 272.400,-
150	6"	3	Rp. 274.900,-
200	8"	2	Rp. 569.600,-

## LARGE RADIUS TEE ( AW )



DN		ISI / BOX	HARGA / PCS
mm	inch		
<b>Baru</b> 40	1½"	20	Rp. 13.000,-
50 x 40	2" x 1½"	8	Rp. 23.000,-
50	2"	6	Rp. 31.500,-
65 x 40	2½" x 1½"	6	Rp. 36.100,-
65 x 50	2½" x 2"	15	Rp. 42.500,-
<b>Baru</b> 65	2½"	14	Rp. 44.800,-
75 x 50	3" x 2"	14	Rp. 55.300,-
75	3"	8	Rp. 60.300,-
100 x 40	4" x 1½"	7	Rp. 91.300,-
100 x 50	4" x 2"	15	Rp. 105.300,-
100 x 65	4" x 2½"	6	Rp. 127.100,-
100 x 75	4" x 3"	4	Rp. 148.200,-
100	4"	7	Rp. 177.300,-
125 x 75	5" x 3"	4	Rp. 178.800,-
125 x 100	5" x 4"	6	Rp. 209.400,-
125	5"	2	Rp. 251.800,-
150 x 75	6" x 3"	5	Rp. 283.800,-
150 x 100	6" x 4"	5	Rp. 336.900,-
150	6"	3	Rp. 377.400,-
200 x 100	8" x 4"	2	Rp. 528.100,-
200 x 150	8" x 6"	2	Rp. 673.200,-
200	8"	2	Rp. 783.700,-

## FAUCET TEE ( AW )



DN		ISI / BOX	HARGA / PCS
mm	inch		
16 x ½"	½"	140	Rp. 4.100,-
20 x ½"	½" x ¾"	100	Rp. 4.300,-
20 x ¾"	¾"	85	Rp. 4.600,-

## FAUCET TEE with Metal Insert ( AW )



DN		ISI / BOX	HARGA / PCS
mm	inch		
16 x ½"	½"	140	Rp. 16.300,-
20 x ½"	½" x ¾"	110	Rp. 16.900,-
20 x ¾"	¾"	85	Rp. 29.400,-

# RUCIKA

Dimana air mengalir sampai jauh

## FITTING RUCIKA STANDARD JIS K - 6739 UNTUK APLIKASI AIR KOTOR & BUANGAN

### SOCKET ( D - DS )



DN		ISI / BOX	HARGA / PCS
mm	inch		
35	1 1/4"	200	Rp. 2.300,-
40	1 1/2"	115	Rp. 2.700,-
50	2"	72	Rp. 4.000,-
65	2 1/2"	100	Rp. 6.500,-
75	3"	60	Rp. 10.100,-
100	4"	30	Rp. 17.900,-
125	5"	30	Rp. 33.600,-
150	6"	18	Rp. 43.700,-
200	8"	8	Rp. 115.700,-
250	10"	8	Rp. 176.800,-

### ELBOW ( D - DL )



DN		ISI / BOX	HARGA / PCS
mm	inch		
35	1 1/4"	90	Rp. 3.400,-
40	1 1/2"	60	Rp. 4.300,-
50	2"	100	Rp. 7.000,-
65	2 1/2"	45	Rp. 11.200,-
75	3"	30	Rp. 16.300,-
100	4"	15	Rp. 32.300,-
125	5"	15	Rp. 79.200,-
150	6"	10	Rp. 94.200,-
200	8"	3	Rp. 207.400,-
250	10"	2	Rp. 412.800,-
300	12"	1	Rp. 624.100,-

### CLEAN OUT ( D )



DN		ISI / BOX	HARGA / PCS
mm	inch		
50	2"	90	Rp. 7.100,-
75	3"	80	Rp. 11.200,-
100	4"	36	Rp. 28.900,-

### Y - BRANCH ( D - Y )



DN		ISI / BOX	HARGA / PCS
mm	inch		
40 x 35	1 1/2" x 1 1/4"	40	Rp. 7.600,-
40	1 1/2"	30	Rp. 9.000,-
50 x 35	2" x 1 1/4"	24	Rp. 9.100,-
50	2"	18	Rp. 14.000,-
65 x 50	2 1/2" x 2"	27	Rp. 16.900,-
65	2 1/2"	25	Rp. 19.400,-
75 x 50	3" x 2"	20	Rp. 24.500,-
75	3"	15	Rp. 30.000,-
100 x 50	4" x 2"	15	Rp. 38.200,-
100 x 75	4" x 3"	8	Rp. 53.700,-
100	4"	6	Rp. 62.400,-
125 x 100	5" x 4"	9	Rp. 90.000,-
150 x 75	6" x 3"	8	Rp. 131.200,-
150 x 100	6" x 4"	5	Rp. 156.400,-
150	6"	6	Rp. 194.400,-
200 x 100	8" x 4"	3	Rp. 309.800,-
200 x 150	8" x 6"	2	Rp. 365.000,-

### P-TRAP ( D )



DN		ISI / BOX	HARGA / PCS
mm	inch		
40	1 1/2"	18	Rp. 15.600,-
50	2"	12	Rp. 16.400,-
75	3"	12	Rp. 34.900,-

### LARGE RADIUS TEE ( D - LT )



DN		ISI / BOX	HARGA / PCS
mm	inch		
40 x 35	1 1/2" x 1 1/4"	35	Rp. 7.900,-
40	1 1/2"	30	Rp. 8.000,-
50 x 40	2" x 1 1/2"	18	Rp. 11.400,-
50	2"	15	Rp. 15.600,-
65 x 40	2 1/2" x 1 1/2"	10	Rp. 15.900,-
65 x 50	2 1/2" x 2"	30	Rp. 19.400,-
65	2 1/2"	18	Rp. 24.300,-
75 x 50	3" x 2"	20	Rp. 25.400,-
75 x 65	3" x 2 1/2"	16	Rp. 32.800,-
75	3"	15	Rp. 33.400,-
100 x 40	4" x 1 1/2"	15	Rp. 36.200,-
100 x 50	4" x 2"	14	Rp. 39.200,-
100 x 75	4" x 3"	8	Rp. 53.600,-
100	4"	6	Rp. 61.300,-
125 x 100	5" x 4"	4	Rp. 105.700,-
150 x 75	6" x 3"	5	Rp. 108.000,-
150 x 100	6" x 4"	5	Rp. 134.500,-
150	6"	4	Rp. 198.600,-
200 x 100	8" x 4"	3	Rp. 294.300,-
200 x 150	8" x 6"	2	Rp. 328.800,-

### CAP ( D )



DN		ISI / BOX	HARGA / PCS
mm	inch		
35	1 1/4"	144	Rp. 3.900,-
40	1 1/2"	84	Rp. 5.300,-
50	2"	54	Rp. 7.300,-
65	2 1/2"	38	Rp. 9.100,-
75	3"	60	Rp. 11.400,-
100	4"	30	Rp. 21.300,-



### INCREASER ( D - IN )



DN		ISI / BOX	HARGA / PCS
mm	inch		
40 x 35	1½" x 1¼"	90	Rp. 3.400,-
50 x 35	2" x 1¼"	90	Rp. 4.300,-
50 x 40	2" x 1½"	75	Rp. 4.500,-
65 x 40	2½" x 1½"	45	Rp. 6.900,-
65 x 50	2½" x 2"	45	Rp. 7.300,-
75 x 35	3" x 1¼"	32	Rp. 6.300,-
75 x 40	3" x 1½"	32	Rp. 8.700,-
75 x 50	3" x 2"	32	Rp. 9.300,-
75 x 65	3" x 2½"	28	Rp. 9.400,-
100 x 50	4" x 2"	40	Rp. 15.600,-
100 x 65	4" x 2½"	40	Rp. 17.300,-
100 x 75	4" x 3"	35	Rp. 18.200,-
125 x 75	5" x 3"	25	Rp. 32.300,-
125 x 100	5" x 4"	20	Rp. 34.200,-
150 x 75	6" x 3"	12	Rp. 50.300,-
150 x 100	6" x 4"	10	Rp. 51.000,-
150 x 125	6" x 5"	10	Rp. 64.900,-
200 x 100	8" x 4"	8	Rp. 108.900,-
200 x 150	8" x 6"	4	Rp. 112.900,-

### TEE ( D - DT )



DN		ISI / BOX	HARGA / PCS
mm	inch		
35	1¼"	55	Rp. 4.500,-
40	1½"	40	Rp. 6.300,-
50	2"	65	Rp. 9.300,-
65 x 40	2½" x 1½"	16	Rp. 11.900,-
65 x 50	2½" x 2"	45	Rp. 14.400,-
65	2½"	32	Rp. 16.600,-
75 x 40	3" x 1½"	36	Rp. 16.600,-
75 x 50	3" x 2"	30	Rp. 19.200,-
75 x 65	3" x 2½"	22	Rp. 21.300,-
75	3"	20	Rp. 24.900,-
100 x 40	4" x 1½"	18	Rp. 29.800,-
100 x 50	4" x 2"	15	Rp. 31.700,-
100 x 75	4" x 3"	12	Rp. 37.200,-
100	4"	8	Rp. 42.500,-
125 x 75	5" x 3"	8	Rp. 60.500,-
125 x 100	5" x 4"	6	Rp. 72.000,-
125	5"	10	Rp. 75.400,-
150 x 100	6" x 4"	8	Rp. 101.600,-
150	6"	6	Rp. 129.800,-
200 x 100	8" x 4"	4	Rp. 138.000,-
200	8"	2	Rp. 269.400,-
250 x 200	10" x 8"	2	Rp. 435.500,-

### LARGE RADIUS ELBOW ( D - LL )



DN		ISI / BOX	HARGA / PCS
mm	inch		
35	1¼"	60	Rp. 5.300,-
40	1½"	40	Rp. 8.000,-
50	2"	20	Rp. 11.400,-
65	2½"	30	Rp. 16.700,-
75	3"	18	Rp. 25.500,-
100	4"	8	Rp. 53.100,-
125	5"	5	Rp. 95.800,-
150	6"	6	Rp. 159.400,-

### CLEAN OUT CAP ( D - CO )



DN		ISI / BOX	HARGA / PCS
mm	inch		
100	4"	27	Rp. 29.500,-

### LARGE RADIUS DOUBLE TEE ( D - WLT )



DN		ISI / BOX	HARGA / PCS
mm	inch		
50 x 50	2" x 2"	10	Rp. 19.500,-
75 x 50	3" x 2"	15	Rp. 28.900,-
100 x 100	4" x 4"	8	Rp. 99.100,-

# UNILON®

## SYMBOL OF HIGH QUALITY PIPE

SERI	S - 5		S - 6.3		S - 8		S - 10		S - 12.5	
SDR	SDR - 11		SDR - 13.6		SDR - 17		SDR - 21		SDR - 26	
PE 80	PN - 12.5		PN - 10		PN - 8		PN - 6.3		PN - 5	
PE 100	PN - 16		PN - 12.5		PN - 10		PN - 8		PN - 6	
OD mm	Tebal mm	Harga (Rp)	Tebal mm	Harga (Rp)	Tebal mm	Harga (Rp)	Tebal mm	Harga (Rp)	Tebal mm	Harga (Rp)
16										
20	1.9	8,520	1.6	7,100						
25	2.3	10,200	1.9	9,000	1.6	7,200				
32	3.0	16,800	2.4	13,800	1.9	11,400	1.6	9,600		
40	3.7	25,800	3.0	21,600	2.4	17,400	1.9	14,400	1.6	12,000
50	4.6	40,200	3.7	33,000	3.0	27,000	2.4	22,200	2.0	18,600
63	5.8	63,600	4.7	52,800	3.8	43,200	3.0	34,800	2.4	28,200
75	6.8	88,800	5.6	74,400	4.5	61,200	3.6	49,800	2.9	40,800
90	8.2	129,000	6.7	106,200	5.4	88,200	4.3	71,400	3.5	58,800
110	10.0	190,800	8.1	158,400	6.6	131,400	5.3	107,400	4.3	88,200
125	11.4	247,800	9.2	204,600	7.4	167,400	6.0	136,800	4.8	111,000
140	12.7	308,400	10.3	256,200	8.3	210,000	6.7	171,600	5.4	140,400
160	14.6	405,000	11.8	334,200	9.5	274,200	7.7	225,000	6.2	184,200
180	16.4	511,800	13.3	424,200	10.7	346,800	8.6	282,600	6.9	229,200
200	18.2	631,200	14.7	520,200	11.9	427,800	9.6	350,400	7.7	284,400
225	20.5	799,200	16.6	660,600	13.4	542,400	10.8	442,800	8.6	357,000
250	22.7	982,800	18.4	813,600	14.8	664,800	11.9	541,800	9.6	442,800
280	25.4	1,232,400	20.6	1,019,400	16.6	835,200	13.4	684,000	10.7	552,000
315	28.6	1,560,000	23.2	1,291,800	18.7	1,057,800	15.0	859,800	12.1	703,200
355	32.2	1,980,000	26.1	1,638,000	21.1	1,346,400	16.9	1,091,400	13.6	888,600
400	36.3	2,514,000	29.4	2,077,200	23.7	1,701,600	19.1	1,392,000	15.3	1,127,400
450	40.9	3,183,000	33.1	2,631,600	26.7	2,155,800	21.5	1,760,400	17.2	1,425,000
500	45.4	3,927,600	36.8	3,246,600	29.7	2,659,800	23.9	2,171,400	19.1	1,758,000
560	50.8	4,920,000	41.2	4,072,800	33.2	3,336,600	26.7	2,717,400	21.4	2,203,800
630	57.2	6,234,600	46.3	5,148,600	37.4	4,221,600	30.0	3,433,200	24.1	2,792,400
710			52.2	7,669,200	42.1	6,256,600	33.9	5,100,200	27.3	4,148,200
800			58.8	10,094,440	47.4	8,273,820	38.1	6,741,550	30.8	5,485,950
900					53.3	10,701,000	42.9	8,722,500	34.8	7,111,500
1000					59.3	13,289,250	47.7	10,827,000	38.7	8,821,500
1100										
1200							57.2	15,583,500	46.9	12,780,750
1400									53.9	19,260,360
1500										
1600									61.8	27,133,200

# UNILON®

SYMBOL OF HIGH QUALITY PIPE

Size	O.D mm	Mtr /Btg	AW JIS	D JIS	VP JIS K 6741	VU JIS K 6741
1/2"	22	4	21,810		38,295	
3/4"	26	4	29,370		45,960	
1"	32	4	40,365		67,580	
1.1/4"	42	4	60,180	37,845	91,000	49,350
1.1/2"	48	4	69,200	42,345	119,460	62,700
2"	60	4	88,300	54,775	169,370	79,100
2.1/2"	76	4	128,670	73,875	216,225	125,100
3"	89	4	181,090	98,110	346,850	181,070
4"	114	4	300,180	154,070	536,050	271,180
5"	140	4	475,680	237,480	672,090	412,620
6"	165	4	667,700	313,080	1,009,000	592,800
8"	216	4	1,119,000	550,450	1,527,300	990,100
10"	267	4	1,729,800	906,300	2,326,150	1,466,700
12"	318	4	2,439,750	1,272,090	3,300,000	2,058,600
14"	370	6	5,710,500	3,590,100	6,738,760	4,277,550
16"	420	6	7,204,200	4,533,400	8,672,100	5,446,000
18"	470	6	8,675,700	5,734,250	10,918,900	6,827,100
20"	520	6	10,599,300	7,789,200	13,395,500	8,337,000
24"	630	6	16,112,700	10,182,900	20,256,900	12,269,600

EXCEL		
Ukuran	P/btg	Rp
CX	5/8"	4
		8,560

High Impact Conduit Pipe			
Size	O.D	m/btg	Rp
1/2"	20	2.9	14,415
3/4"	25	2.9	18,300
1"	32	2.9	28,830
Size	O.D	m/btg	C/Listrik
5/8"	17	4	14,505
3/4"	22	4	20,730
1"	26	4	24,780

Harga tersebut diatas :

- Loco Pabrik PT. Harapan Widyatama Pertiwi - Bekasi
- Harga Belum Termasuk PPN 11%
- Sewaktu-waktu dapat berubah tanpa pemberitahuan

# UNILON®

SYMBOL OF HIGH QUALITY PIPE

## DAFTAR HARGA ( perbatang 6 m ) PIPA uPVC SNI 06-0084-2002

Size	O.D mm	S-10 (10-12 Bar)			S-12,5 (8-10 Bar)			S-16 (6-8 Bar)		
		T*	SCJ	RRJ	T*	SCJ	RRJ	T*	SCJ	RRJ
1.1/4"	40	1.9	139,920	-	1.6	124,365	-	-	-	-
1.1/2"	50	2.4	217,365	-	2.0	185,100	-	1.6	157,200	-
2"	63	3.0	343,635	346,365	2.4	277,770	280,090	2.0	237,815	240,000
2.1/2"	75	3.6	524,190	535,200	2.9	419,635	432,820	2.3	346,365	350,100
3"	90	4.3	698,190	703,180	3.5	582,810	586,360	2.8	472,365	476,180
4"	110	5.3	1,052,730	1,055,460	4.2	846,820	850,920	3.4	693,100	697,815
5"	140	6.7	1,826,900	1,843,635	5.4	1,481,820	1,498,185	4.3	1,205,730	1,211,820
6"	160	7.7	2,232,730	2,239,100	6.2	1,814,725	1,821,000	4.9	1,454,185	1,462,825
8"	200	9.6	-	3,496,365	7.7	-	2,838,180	6.2	2,297,460	2,306,370
9"	225	10.8	-	4,827,270	8.6	-	3,883,635	6.9	3,105,100	3,144,545
10"	250	11.9	-	5,418,730	9.6	-	4,431,815	7.7	3,575,460	3,590,910
11"	280	13.4	-	7,500,000	10.7	-	6,015,000	8.6	4,844,700	4,908,180
12"	315	15.0	-	8,650,000	12.1	-	7,055,100	9.7	5,697,270	5,727,270
14"	355	16.9	-	10,995,450	13.6	-	8,959,200	10.9	-	7,248,180
16"	400	19.1	-	14,718,180	15.3	-	11,923,275	12.3	-	9,678,180
18"	450	21.5	-	18,719,000	17.2	-	15,125,455	13.8	-	12,263,635
20"	500	23.9	-	23,198,185	19.1	-	18,745,455	15.3	-	15,145,455
24"	630	30.0	-	37,063,650	24.1	-	30,100,200	19.3	-	24,323,635

Size	O.D mm	S-6.3			S-8		
		T*	SCJ		T*	SCJ	
1/2"	20	1.5	53,730		1.2	45,900	
3/4"	25	1.9	83,190		1.5	69,270	
1"	32	2.4	134,180		1.9	111,000	
1.1/4"	40	3.0	209,370		2.4	171,820	
1.1/2"	50	3.7	324,550		3.0	292,815	

# UNILON®

SYMBOL OF HIGH QUALITY PIPE

## DAFTAR HARGA PIPA uPVC SEWAGE ( Air Pembuangan ) SNI 06-0162-1987

Size	O.D mm	Class A			Class B		
		T*	SCJ	RRJ	T*	SCJ	RRJ
1.1/4"	40	1.8	128,490	-	3.2	220,560	-
1.1/2"	50	1.8	162,360	-	3.2	280,950	-
2"	63	1.8	207,690	213,180	3.2	361,680	367,460
2.1/2"	75	1.8	249,150	259,380	3.2	435,600	446,100
3"	90	1.8	301,125	311,635	3.2	528,000	538,780
4"	110	2.2	449,360	462,590	3.2	652,350	665,720
5"	125	2.5	579,480	596,310	3.2	745,370	762,300
6"	160	3.2	960,850	984,680	4.0	1,186,950	1,211,660
8"	200	3.9	1,463,770	1,493,820	4.9	1,820,550	1,850,430
10"	250	4.9	2,301,090	2,344,110	6.2	2,906,200	2,949,200
12"	315	6.2	3,699,300	3,785,100	7.7	4,551,270	4,636,500
14"	355	7.0	-	4,860,570	8.7	-	5,989,500
16"	400	7.8	-	6,146,360	9.8	-	7,684,650
20"	500	9.8	-	9,842,370	12.3	-	12,150,000

### Daftar Harga HDPE RUBY

IDN		Tebal	Harga
Inch	mm	mm	
	16	14	417.075
1/2	20	16	650.000
3/4	25	20	1.044.150

### Daftar Harda HDPE Conduit

Ukuran		Jenis	Harga
Inch	m		
20mm	2,9	HDPE Conduit Putih	7.610
5/8	3,9	HPE Putih	6.340
5/8	4	HDPE Hitam	5.865
5/8	3,9	PVC Putih	5.550

Note : Panjang @200m



# PRICE LIST (BLACK COMPOUND) PIPA POLY HDPE

Efektif, 30 April 2018

OD ( mm )	OD ( Inch )	PN 10		PN 12,5		PN 16	
		SDR 17 / S 8		SDR 13.6 / S 6.3		SDR 11 / S 5	
		Thickness ( mm )	PRICE (m)	Thickness ( mm )	PRICE (m)	Thickness ( mm )	PRICE (m)
20	3/4"	-	-	-	-	2.00	9.100
25	3/4"	-	-	2.00	10.400	2.30	12.350
32	1"	2.00	13.650	2.40	16.800	3.00	20.550
40	1 1/4"	2.40	21.350	3.00	24.350	3.70	31.600
50	1 3/4"	3.00	33.150	3.70	39.250	4.60	49.150
63	2"	3.80	52.900	4.70	64.350	5.80	78.300
75	2 1/2"	4.50	74.650	5.60	91.250	6.80	109.100
90	3"	5.40	107.500	6.70	131.300	8.20	157.800
110	4"	6.60	160.550	8.10	193.700	10.00	238.800
160	6"	9.50	335.550	11.80	411.050	14.60	498.700
200	8"	11.90	526.500	14.70	639.200	18.20	777.150
250	10"	14.80	818.250	18.40	1.001.150	22.70	1.212.000
315	12"	18.70	1.302.200	23.20	1.589.900	28.60	1.922.700
355	14"	21.10	1.654.900	26.10	2.015.550	32.20	2.439.850
400	16"	23.70	2.095.100	29.40	2.559.200	36.30	3.100.250
450	18"	26.70	2.654.750	33.10	3.240.800	40.90	3.929.000
500	20"	29.70	3.280.550	36.80	4.004.500	45.40	4.846.550
560	22"	33.20	4.025.850	41.20	4.916.850	50.80	7.549.000
630	24"	37.40	5.090.550	46.30	6.218.950	57.20	7.549.000
710	28"	42.10	6.470.900	52.20	7.908.300	64.50	9.560.450
800	32"	47.40	8.194.700	58.80	10.064.350	72.60	12.150.200

\* Harga Belum Termasuk PPN  
 \*\* Franco Jakarta

SDR (Standard Dimensional Ratio) : Rasio Dimensi Standar Pipa  
 S : Seri Pipa





**PN 12,5 | SDR 13.6 / S 6.3**

Size	Price/pcs
L 75	49.000
L 90	92.000
L 110	128.000
L 160	310.000
L 200	520.000
L 250	990.000
L 315	1.800.000
L 400	3.900.000
L 450	8.500.000
L 500	12.100.000
L 560	16.100.000
L 630	21.900.000
L 710	39.500.000
L 800	49.000.000



Elbow 90°

D 160	130.000
D 200	230.000
D 250	440.000
D 315	790.000
D 400	1.450.000
D 450	2.200.000
D 500	2.900.000
D 560	3.700.000
D 630	4.300.000
D 710	8.600.000
D 800	12.000.000



Cap

L 75	45.500
L 90	62.500
L 110	97.000
L 160	250.000
L 200	410.000
L 250	760.000
L 315	1.350.000
L 400	2.600.000
L 450	6.200.000
L 500	8.100.000
L 560	10.500.000
L 630	14.400.000
L 710	23.100.000
L 800	30.700.000



Elbow 45°

F 160	210.000
F 200	360.000
F 250	660.000
F 315	1.050.000
F 400	1.550.000
F 450	2.000.000
F 500	2.750.000
F 560	3.500.000
F 630	4.300.000
F 710	8.200.000
F 800	12.700.000



Stub End

X 160	860.000
X 200	1.600.000
X 250	2.500.000
X 315	3.700.000
X 400	10.850.000
X 450	13.600.000



Cross

T 75	81.000
T 90	114.000
T 110	175.000
T 160	405.000
T 200	730.000
T 250	1.300.000
T 315	2.350.000
T 400	5.300.000
T 450	12.500.000
T 500	14.800.000
T 560	25.400.000
T 630	29.200.000
T 710	44.500.000
T 800	63.500.000



Equal Tee

**PN 12,5 | SDR 13.6 / S 6.3**

Size	Price/pcs
X 500	16.600.000
X 560	23.300.000
X 630	32.000.000
X 710	58.300.000
X 800	83.000.000

Cross

S 75 x 50	30.000
S 90 x 50	31.000
S 90 x 63	42.000
S 110 x 50	64.000
S 110 x 63	68.000
S 110 x 75	71.000
S 160 x 63	144.000
S 160 x 75	147.000
S 160 x 90	175.000
S 200 x 160	288.000
S 250 x 160	397.000
S 315 x 160	640.000
S 315 x 200	660.000
S 400 x 200	1.330.000
S 400 x 250	1.450.000
S 450 x 200	2.100.000
S 450 x 250	2.200.000
S 450 x 315	2.250.000
S 500 x 200	2.450.000
S 500 x 250	2.500.000
S 500 x 315	2.550.000
S 500 x 400	2.600.000
S 560 x 315	3.500.000
S 560 x 400	3.550.000
S 560 x 450	3.600.000
S 630 x 315	3.650.000
S 630 x 400	3.700.000
S 630 x 450	3.750.000
S 630 x 500	3.800.000



Reducing Straight



T 75 x 32 x 75	55.000
T 75 x 50 x 75	60.000
T 90 x 32 x 90	86.000
T 90 x 50 x 90	89.000
T 90 x 63 x 90	105.000
T 110 x 50 x 110	127.000
T 110 x 63 x 110	135.000
T 160 x 50 x 160	290.000
T 160 x 63 x 160	300.000
T 160 x 90 x 160	340.000
T 200 x 63 x 200	490.000
T 200 x 75 x 200	495.000
T 200 x 90 x 200	500.000
T 200 x 110 x 200	550.000
T 250 x 160 x 250	1.100.000
T 315 x 160 x 315	1.710.000
T 315 x 200 x 315	1.750.000
T 400 x 160 x 400	3.450.000
T 400 x 200 x 400	3.500.000
T 400 x 250 x 400	4.850.000
T 400 x 315 x 400	4.900.000
T 450 x 160 x 450	7.200.000
T 450 x 200 x 450	7.500.000
T 450 x 250 x 450	8.700.000
T 450 x 315 x 450	9.800.000
T 500 x 160 x 500	9.900.000
T 500 x 200 x 500	10.000.000
T 500 x 250 x 500	10.600.000
T 500 x 315 x 500	13.200.000
T 560 x 160 x 560	13.300.000
T 560 x 200 x 560	13.400.000
T 560 x 250 x 560	14.300.000
T 560 x 315 x 560	16.000.000
T 560 x 400 x 560	18.000.000
T 630 x 200 x 630	18.100.000
T 630 x 250 x 630	18.200.000



Reducing Tee

PN 12,5   SDR 13.6 / S 6.3		
	Size	Price/pcs
	T 630 x 315 x 630	18.300.000
	T 630 x 400 x 630	19.600.000
	T 710 x 200 x 710	26.700.000
	T 710 x 250 x 710	29.500.000
	T 710 x 315 x 710	32.500.000
	T 710 x 400 x 710	36.000.000
	T 710 x 500 x 710	40.000.000
	T 800 x 200 x 800	40.500.000
	T 800 x 250 x 800	41.000.000
	T 800 x 315 x 800	44.000.000
	T 800 x 400 x 800	53.000.000
	T 800 x 500 x 800	58.000.000
	T 800 x 630 x 800	60.000.000

Reducing Tee

PN 16   SDR 11 / S 5		
	Size	Price/pcs
	L 90	110.000
	L 110	180.000
	L 160	405.000
	L 200	730.000
	L 250	1.500.000
	L 315	2.600.000
	L 90	83.000
	L 110	145.000
	L 160	300.000
	L 200	505.000
	L 250	1.050.000
	L 315	1.750.000
	T 90	148.000
	T 110	230.000
	T 160	660.000
	T 200	1.050.000
	T 250	1.950.000
	T 315	3.500.000



Elbow 90°



Elbow 45°



Equal Tee



Stub End



Reducing Straight



Reducing Tee

F 90	64.500
F 110	115.000
F 160	220.000
F 200	450.000
F 250	800.000
F 315	1.250.000
S 90 x 50	57.000
S 90 x 63	60.700
S 110 x 50	76.000
S 110 x 63	82.000
S 160 x 63	165.000
S 160 x 90	205.000
S 200 x 90	300.000
T 90 x 50 x 90	115.000
T 90 x 63 x 90	125.000
T 110 x 50 x 110	149.000
T 110 x 63 x 110	159.000
T 160 x 63 x 160	350.000
T 160 x 90 x 160	450.000
T 200 x 63 x 200	620.000
T 200 x 90 x 200	630.000
T 200 x 110 x 200	670.000
T 250 x 63 x 250	1.100.000
T 250 x 90 x 250	1.130.000
T 250 x 110 x 250	1.150.000
T 315 x 63 x 315	1.750.000
T 315 x 90 x 315	1.800.000
T 315 x 110 x 315	2.500.000
T 315 x 160 x 315	2.550.000
T 315 x 200 x 315	2.600.000

# EXOPLAS

## DAFTAR HARGA

### PIPA & FITTING PVC-O



**Rucika Exoplas** Pipa PVC-O (*Oriented Polyvinyl Chloride*) yaitu pengembangan teknologi proses produksi pipa uPVC dengan metode *Biaxially stretching* (pipa uPVC biasa dengan *mono axially stretching*), sehingga performance PVC-O meningkat 2x lebih kuat dari pipa uPVC maupun HDPE, dan 2x lebih ringan daripada pipa HDPE.

#### PIPA PVC-O EXOPLAS

Standard	ND		RRJ Anger-Lock™	PN 10		PN 12,5	
	mm	Inch		per Meter	per Batang	per Meter	per Batang
Standard SNI-ISO 16422:2014	90	3"	25.000	Rp. 71.821	Rp. 430.925	Rp. 84.133	Rp. 504.797
	110	4"	48.000	Rp. 98.519	Rp. 591.116	Rp. 118.606	Rp. 711.635
	160	6"	58.000	Rp. 200.175	Rp. 1.201.050	Rp. 237.331	Rp. 1.423.987
	200	8"	69.000	Rp. 308.219	Rp. 1.849.311	Rp. 368.582	Rp. 2.211.490
	250	10"	106.000	Rp. 484.079	Rp. 2.904.476	Rp. 576.285	Rp. 3.457.709
	315	12"	155.000	Rp. 759.110	Rp. 4.554.657	Rp. 902.235	Rp. 5.413.411
	400	16"	286.000	Rp. 1.229.763	Rp. 7.378.578	Rp. 1.476.263	Rp. 8.857.580
	500	20"	487.000	Rp. 1.949.373	Rp. 11.696.238	Rp. 2.343.680	Rp. 14.062.081

#### FITTING EXOPLAS ANGER-LOCK™

##### BEND 45°



Size (mm)	Price/Unit (Rp)
90	Rp. 233.300
110	Rp. 410.000
160	Rp. 824.200
200	Rp. 1.322.400
250	Rp. 2.430.400
315	Rp. 3.553.900

##### BEND 90°



Size (mm)	Price/Unit (Rp)
90	Rp. 250.600
110	Rp. 486.900
160	Rp. 877.300
200	Rp. 1.684.000
250	Rp. 3.256.200
315	Rp. 4.974.600

##### DOUBLE SOCKET



Size (mm)	Price/Unit (Rp)
90	Rp. 155.300
110	Rp. 270.000
160	Rp. 344.300
200	Rp. 550.300
250	Rp. 981.000
315	Rp. 1.470.200

##### REDUCER



Size (mm)	Price/Unit (Rp)
110 x 90	Rp. 218.900
160 x 110	Rp. 331.200
200 x 110	Rp. 436.400

##### EQUAL TEE



Size (mm)	Price/Unit (Rp)
90 x 90	Rp. 609.100
110 x 110	Rp. 905.700
160 x 160	Rp. 2.018.800
200 x 200	Rp. 880.900
250 x 250	Rp. 1.634.600
315 x 315	Rp. 2.477.600

##### UNEQUAL TEE



Size (mm)	Price/Unit (Rp)
110 x 90	Rp. 910.500
160 x 90	Rp. 2.043.800
160 x 110	Rp. 2.100.900
200 x 90	Rp. 773.800
200 x 110	Rp. 863.200
200 x 160	Rp. 967.800
250 x 90	Rp. 1.200.600
250 x 110	Rp. 1.325.400
250 x 160	Rp. 1.482.100
250 x 200	Rp. 1.736.500
315 x 110	Rp. 2.049.600
315 x 160	Rp. 2.158.000
315 x 200	Rp. 2.387.000



## RUCICKA LITE - DAFTAR HARGA PIPA uPVC

Sejalan dengan meningkatnya kesadaran akan lingkungan hidup yang sehat dan asri, RUCKA LITE merupakan sistem pipa uPVC (unplastized Polyvinyl Chloride) yang dirancang untuk menghindari sistem pembuangan terbuka. RUCKA LITE hadir untuk menjadi pilihan bagi para konsultan dan kontraktor dalam menjawab kebutuhan akan jaringan limbah terpadu dalam proses urbanisasi dan pertumbuhan kota yang pesat.

DAFTAR HARGA 20 SEPTEMBER 2022

PIPA AIR LIMBAH SDR - 41 (RUCICKA LITE) SNI 06-0162-1987

Jenis	ND mm	Inch	OD mm	DIAMETER Inch	Total Dinding (mm)	Panjang Efektif (m)	HARGA (Rp)
Class A	75	3"	90.00	86.30	1.80	6	40.092 / 240.550
Class A	75*	3"	90.00	86.30	1.80	4	67.703 / 406.215
Class A	100	4"	110.00	106.20	1.90	6	71.488 / 428.925
Class A	150	6"	160.00	156.20	1.90	6	154.771 / 928.625
Class B	80	3"	90.29	89.29	4.00	6	236.134 / 1.416.804
Class B	100	4"	110.20	106.20	4.00	6	300.371 / 1.802.225
Class B	150	6"	160.20	156.20	4.00	6	574.088 / 3.444.525
Class B	200	8"	215.00	207.00	4.00	6	833.328 / 5.000.565
Class B	250	10"	267.00	259.00	4.00	6	1.124.880 / 6.749.280
Class B	300	12"	318.00	310.00	4.00	6	1.507.583 / 9.045.500
Class B	400	16"	425.00	415.00	5.00	6	2.554.828 / 15.328.965
Class B	500	20"	532.40	522.40	5.00	6	3.878.288 / 23.269.730
Class B	600	24"	639.60	599.40	15.30	6	6.622.730 / 15.015.835

# ONDA®

*Pelopornya Kualitas*

## AKSESORIS



**METERAN  
ST 01**  
Rp.4.950



**METERAN  
MT M-TUL 5m**  
Rp.33.250



**PELAMPUNG  
OTOMATIS**  
WATER LEVEL  
CONTROL SWITCH  
Rp.85.750



**FLOATER  
PELAMPUNG  
PLASTIK**  
Rp.206.500

## KRAN



**KRAN TEMBOK  
BC**  
Rp.36.500



**KRAN CABANG  
K 406 CTG**  
Rp.183.500

## SHOWER



**JET SHOWER  
S 75 WCS**  
Rp.143.500



**JET SHOWER  
S 90 CCS**  
Rp.207.750



**KRAN DAPUR  
V 688 CA**  
Rp.302.750



**KRAN WASTAFEL  
Y 321 C**  
Rp.190.250



**STOP KRAN  
JF 08 ST**  
Rp.99.250

## PLUMBING



**BRASS VALVE  
BALL VALVE**  
Rp.114.750



**PVC VALVE  
PVCBV**  
Rp.23.000

# ONDA®

*Pelopornya Kualitas*



**HAND SHOWER**  
 SO 250  
 Rp.219.250



**HAND SHOWER**  
 SO KUL  
 Rp.165.250



**SHOWER MIXER**  
 BATH-TUL  
 Rp.605.500



**BRASS VALVE**  
 GATE VALVE  
 Rp.95.250



**PIPA PE-X**  
 PIPA PEX  
 Rp.1.467.750



**FITTING PIPA PE-X**  
 FEMALE ELBOW  
 Rp.60.750



**PELAMPUNG**  
**OTOMATIS**  
 STOP KRAN  
 OTOMATIS VERTIKAL  
 Rp.79.250



**DRAINER**  
 FLS 01  
 Rp.100.000



**SELANG AIR**  
 SELANG DOF  
 Rp.218.750

## SHOWER COLUMN



**OSC FRES**  
 Rp.1.383.000

## RAIN SHOWER



**R - FRES**  
 Rp.1.816.000

# ONDA®

*Pelopornya Kualitas*

**NEW ITEM SANITARY ONDA 2025**

**BLACK SERIES**



**SHOWER MIXER**

BATH-SUS BM

Rp.545.500



**KRAN CABANG**

K-SUS BM

Rp.227.250



**HAND SHOWER**

SO FRES BM

Rp.251.500



**KRAN WASTAFEL**

Y-BM (SUS)

Rp.309.500



**JET SHOWER**

S 88 BM

Rp.155.000



**STOP KRAN**

JF FLOW BM

Rp.94.750



**STOP KRAN**

JF SUS BM

Rp.75.000

# ONDA®

*Pelopornya Kualitas*

## NEW ITEM SANITARY ONDA 2025

**LAINNYA**



**KRAN DAPUR**  
 V-SUS FLEXI TANAM Rp.257.500



**KRAN DAPUR**  
 V-SUS FLEXI TEMBOK Rp.259.500



**KRAN DAPUR**  
 V-SUS TANAM Rp.185.500



**KRAN DAPUR**  
 V-SUS TEMBOK Rp.187.000



**KRAN CABANG**  
 K-SUS Rp.194.000



**KRAN TEMBOK**  
 A-SUS Rp.104.250



**STOP KRAN**  
 JF-SUS Rp.70.750

# ONDA®

Pelopornya Kualitas

## NEW ITEM SANITARY ONDA 2025

LAINNYA



### KRAN TEMBOK

A-PLUS

Rp.157.750



### JET SHOWER

S 75 WCS (HEAD)

Rp.82.000



### PELAMPUNG OTOMATIS

WATER CONTROL SENSOR  
2M

Rp.101.750



### FLOOR DRAIN

FLS TUL

Rp.45.750



### HOSE

FLEXIBLE HOSE  
60CM

Rp.87.500



### BRASS VALVE

TUSEN KLEP FULL BRASS  
3/4"

Rp.93.750



### BRASS VALVE

TUSEN KLEP FULL BRASS  
1"

Rp.124.000

# ONDA®

Pelopornya Kualitas

KATEGORI: **KRAN DAPUR**

<p><b>NEW</b></p> <p>FLEXIBLE HOSE</p>  <p><b>V-SUS FLEXI TANAM</b></p> <table border="1"> <thead> <tr> <th>SIZE</th> <th>PCS/KTK</th> <th>PCS/DUS</th> <th>HARGA</th> </tr> </thead> <tbody> <tr> <td>1/2"</td> <td>3</td> <td>24</td> <td>257.500</td> </tr> </tbody> </table>	SIZE	PCS/KTK	PCS/DUS	HARGA	1/2"	3	24	257.500	<p><b>NEW</b></p> <p>FLEXIBLE HOSE</p>  <p><b>V-SUS FLEXI TEMBOK</b></p> <table border="1"> <thead> <tr> <th>SIZE</th> <th>PCS/KTK</th> <th>PCS/DUS</th> <th>HARGA</th> </tr> </thead> <tbody> <tr> <td>1/2"</td> <td>3</td> <td>24</td> <td>259.500</td> </tr> </tbody> </table>	SIZE	PCS/KTK	PCS/DUS	HARGA	1/2"	3	24	259.500	<p><b>NEW</b></p>  <p><b>V-SUS TANAM</b></p> <table border="1"> <thead> <tr> <th>SIZE</th> <th>PCS/KTK</th> <th>PCS/DUS</th> <th>HARGA</th> </tr> </thead> <tbody> <tr> <td>1/2"</td> <td>3</td> <td>24</td> <td>185.500</td> </tr> </tbody> </table>	SIZE	PCS/KTK	PCS/DUS	HARGA	1/2"	3	24	185.500	<p><b>NEW</b></p>  <p><b>V-SUS TEMBOK</b></p> <table border="1"> <thead> <tr> <th>SIZE</th> <th>PCS/KTK</th> <th>PCS/DUS</th> <th>HARGA</th> </tr> </thead> <tbody> <tr> <td>1/2"</td> <td>3</td> <td>24</td> <td>187.000</td> </tr> </tbody> </table>	SIZE	PCS/KTK	PCS/DUS	HARGA	1/2"	3	24	187.000
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# ONDA®

Pelopornya Kualitas

KATEGORI: **KRAN DAPUR**



**V 638 CU**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	4	60	152.000



**V 638 F**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	4	60	170.500



**V 638 S**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	4	60	141.000



**V 639 CA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	3	45	222.250



**V 639 CB**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	3	45	213.750



**V 639 CS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	3	45	192.500



**V 648 GKU**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	12	282.000



**V 649 GKU**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	12	268.500



**V 688 CA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	2	30	302.750



**V 689 GWC**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	2	30	410.250



**V 696 GKU**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	12	359.500



**V 697 GKU**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	24	416.250



**V 698 CA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	24	354.000

# ONDA®

Pelopornya Kualitas

**KATEGORI: KRAN TEMBOK**

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# ONDA®

Pelopornya Kualitas

**KATEGORI: KRAN TEMBOK**



**BCS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	240	57.500



**BLS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	240	61.750
3/4"	10	120	82.250



**BK**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	10	100	63.250



**CLS 03**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	144	88.750



**CLS 04**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	144	78.500
3/4"	10	120	106.000



**CLS 04 GOLD**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	120	80.500



**CLS 06**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	10	120	127.500



**KUBC**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	24	240	52.250
3/4"	10	120	99.500



**KUBM**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	240	39.750



**NBC**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	10	120	64.000

# ONDA®

Pelopornya Kualitas

KATEGORI: KRAN WASTAFEL

NEW

385  
314



**Y BM (SUS)**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	24	309.500

NEW



**Y TAP**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	24	243.250



**Y 321 C**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	5	60	190.250



**Y 316 FA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	5	60	126.750



**Y 318 CA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	5	60	191.750



**Y 319 CU**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	5	75	171.000



**Y 320 C**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	3	45	338.250



**Y 325 GWC**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	3	36	200.750

3245  
3200



**Y 327 GKU**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	2	24	273.250

# ONDA®

Pelopornya Kualitas

KATEGORI: **STOP KRAN**

NEW

825  
334



**JF FLOW BM**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	6	120	94.750

NEW

825  
334



**JF SUS BM**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	6	96	75.000

NEW

825  
334



**JF-SUS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	120	70.750

NEW

825  
334



**JF FLOW**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	20	120	88.250

BRASS



**JF 03 TA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	20	280	61.250



**JF 04 BA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	144	132.000



**JF 06 FA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	144	109.250

BRASS



**JF 07 CA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	20	120	100.000

BRASS



**JF 08 ST**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	14	168	99.250

BRASS



**JF 09 LA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	8	160	111.000

BRASS



**JF 10 GA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	8	160	119.750

BRASS



**JF 11 BA**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	8	160	126.000

BRASS



**JF 12 LO**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	8	160	123.750

BRASS



**JF 13 TB**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	8	160	124.000

BRASS



**JF 14 BB**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	8	160	132.000

BRASS



**JF 23 GWC**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	6	72	124.250

# ONDA®

Pelopornya Kualitas

KATEGORI: **HAND SHOWER**

SUDAH TERMASUK:  
 SELANG  BRACKET

**NEW**



**SO FRES BM**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	28	251.500



FLEXIBLE HOSE



**SO 230**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	28	194.250



FLEXIBLE HOSE



**SO 250**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	28	219.250



FLEXIBLE HOSE



**SO KUL**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	28	165.250



**SO 232 PN**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	198.250



**SO 232 PW**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	198.250

FLEXIBLE HOSE



**SO 244 PC**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	205.500



**SO 255 PW**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	159.000

FLEXIBLE HOSE



**SO FRES**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	28	214.000

FLEXIBLE HOSE



**SO PREZ**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	24	326.000

FLEXIBLE HOSE



**SO RS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	24	276.000

FLEXIBLE HOSE



**SO TUL**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	169.250

# ONDA®

Pelopornya Kualitas

## KATEGORI: WALL SHOWER

NEW



### SW FRES

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	40	162.000



### SW 06

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	3	48	146.500



### SW 07

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	3	48	86.750

## KATEGORI: RAIN SHOWER

NEW



### R-FRES

SIZE	PCS/KTK	PCS/DUS	HARGA
-	1	4	1.816.000

## KATEGORI: SHOWER COLUMN

NEW



### OSC FRES

SIZE	PCS/KTK	PCS/DUS	HARGA
-	1	4	1.383.000

# ONDA®

Pelopornya Kualitas

KATEGORI: **JET SHOWER**

SUDAH TERMASUK:  
 SELANG  BRACKET

 <p><b>S 88 BM</b></p> <table border="1"> <tr><th>SIZE</th><th>PCS/KTK</th><th>PCS/DUS</th><th>HARGA</th></tr> <tr><td>1/2"</td><td>-</td><td>36</td><td>155.000</td></tr> </table>	SIZE	PCS/KTK	PCS/DUS	HARGA	1/2"	-	36	155.000	 <p><b>S 75 WCS (HEAD)</b></p> <table border="1"> <tr><th>SIZE</th><th>PCS/KTK</th><th>PCS/DUS</th><th>HARGA</th></tr> <tr><td>1/2"</td><td>-</td><td>36</td><td>82.000</td></tr> </table>	SIZE	PCS/KTK	PCS/DUS	HARGA	1/2"	-	36	82.000	 <p><b>S 75 CCS FLEX</b></p> <table border="1"> <tr><th>SIZE</th><th>PCS/KTK</th><th>PCS/DUS</th><th>HARGA</th></tr> <tr><td>1/2"</td><td>-</td><td>36</td><td>162.000</td></tr> </table>	SIZE	PCS/KTK	PCS/DUS	HARGA	1/2"	-	36	162.000	 <p><b>S 75 WCS</b></p> <table border="1"> <tr><th>SIZE</th><th>PCS/KTK</th><th>PCS/DUS</th><th>HARGA</th></tr> <tr><td>1/2"</td><td>-</td><td>36</td><td>143.500</td></tr> </table>	SIZE	PCS/KTK	PCS/DUS	HARGA	1/2"	-	36	143.500
SIZE	PCS/KTK	PCS/DUS	HARGA																																
1/2"	-	36	155.000																																
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1/2"	-	36	162.000																																
SIZE	PCS/KTK	PCS/DUS	HARGA																																
1/2"	-	36	143.500																																



**S 75 BCS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	146.250



**S 75 CCS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	162.000



**S 75 LCS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	146.250



**S 75 NCS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	146.250



**S 75 PCS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	146.250



**S 88 CCS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	36	152.250



**S 90 CCS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	24	207.750



**S 90 WCS**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	24	200.000

# ONDA®

Pelopornya Kualitas

KATEGORI: **KRAN CABANG**

 <p><b>K - SUS BM</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   5   60   227.250</p>	 <p><b>K-SUS</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   5   60   194.000</p>	 <p><b>K-TUL</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   10   60   114.250</p>	 <p><b>K-TUL FLOW</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   5   60   131.250</p>
 <p><b>A 803 CB</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   4   48   250.500</p>	 <p><b>K 406 CTG</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   5   60   183.500</p>	 <p><b>K 407 MH</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   5   60   183.250</p>	 <p><b>K 409 GWC</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   3   36   236.250</p>
 <p><b>K 410 GKU</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   3   36   303.250</p>			

KATEGORI: **SHOWER MIXER**

 <p><b>BATH - SUS BM</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   1   12   545.500</p>	 <p><b>BATH FLOW</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   1   12   664.000</p>	 <p><b>BATH TUL</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   1   16   605.500</p>
 <p><b>K 306 CB</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   2   20   334.750</p>	 <p><b>K 404 CT</b>        SIZE   PCS/KTK   PCS/DUS   HARGA        1/2"   2   24   470.750</p>	

# ONDA®

Pelopornya Kualitas

**KATEGORI: SEALTAPE**



**SEALTAPE 10M (ST01)**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	72	120	4.950



**SEALTAPE 10M (ST02)**

SIZE	PCS/KTK	PCS/DUS	HARGA
1"	30	600	12.500

**KATEGORI: P-TRAP**



**PT-TUL**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	36	317.250



**PT 01 GKU**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	12	462.500

**KATEGORI: FILTER**



**WCF 01 (INCLUDE 4 FITTING)**

SIZE	PCS/KTK	PCS/DUS	HARGA
-	20	120	56.250



**SARINGAN TUSEN**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	-	120	9.000
3/4"	-	80	13.750
1"	-	60	15.500
1-1/4"	-	36	22.500
1-1/2"	-	24	29.000
2"	-	18	43.500
2-1/2"	-	18	75.500
3"	-	12	95.500
4"	-	6	167.750

**KATEGORI: PELAMPUNG**



**FLOATER (PELAMPUNG)**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	3	45	206.500
3/4"	3	45	305.750
1"	3	36	372.000



**FLOATER (PELAMPUNG STAINLESS)**

SIZE	PCS/KTK	PCS/DUS	HARGA
1-1/4"	-	4	1.822.250
1-1/2"	-	4	2.174.000
2"	-	2	2.280.500
2-1/2"	-	1	7.198.500
3"	-	1	8.980.250
4"	-	1	12.840.000

**KATEGORI: PELAMPUNG OTOMATIS**



**WATER CONTROL SENSOR 2 METER**

SIZE	PCS/KTK	PCS/DUS	HARGA
2M	1	24	101.750



**STOP KRAN OTOMATIS VERTIKAL**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	48	79.250
3/4"	1	48	89.250



**STOP KRAN OTOMATIS HORIZONTAL**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	48	79.250
3/4"	1	48	89.250



**WATER LEVEL CONTROL SWITCH**

SIZE	PCS/KTK	PCS/DUS	HARGA
-	1	50	85.750

**KATEGORI: SOAP DISPENSER**



**OSD WOZEN WHITE**

SIZE	PCS/KTK	PCS/DUS	HARGA
350ml	1	48	102.000



**OSD WOZEN CHROME**

SIZE	PCS/KTK	PCS/DUS	HARGA
350ml	1	48	102.000



**OSD 01**

SIZE	PCS/KTK	PCS/DUS	HARGA
360ml	1	48	102.000

# ONDA®

Pelopornya Kualitas

**KATEGORI: HOSE**



**SAMBUNGAN KRAN FLEXIBLE (INCLUDE FITTING)**

SIZE	PCS/KTK	PCS/DUS	HARGA
-	12	120	74.500



**HWF 1/2" x 1/2" (HOT WATER HOSE)**

SIZE	PCS/KTK	PCS/DUS	HARGA
30 CM	15	120	56.750
35 CM	15	120	67.250
40 CM	15	120	72.000
45 CM	15	120	78.500
50 CM	15	120	82.750
60 CM	15	120	91.500



**FCHS (SHOWER HOSE)**

SIZE	PCS/KTK	PCS/DUS	HARGA
100 CM	1	60	93.500
120 CM	1	60	106.250
130 CM	1	50	114.000
140 CM	1	50	117.250
150 CM	1	50	117.750



**FLEXIBLE HOSE (F 1/2 X F 1/2)**

SIZE	PCS/KTK	PCS/DUS	HARGA
25 CM	18	180	52.500
30 CM	18	180	53.000
35 CM	18	180	59.250
40 CM	18	180	60.000
45 CM	18	180	69.000
50 CM	18	180	69.750
60 CM	18	180	87.500

**KATEGORI: SELANG**

NEW



**SELANG TRANSPARAN**

SIZE	HARGA
1/4" (100M)	168.750
5/16" (100M)	224.000
1/2" (50 M)	242.000
5/8" (50 M)	330.500
3/4" (50 M)	457.250

NEW



**SELANG ELASTIS TEBAL**

SIZE	HARGA
1/4" (100M)	318.000
5/16" (100M)	529.750
1/2" (50 M)	415.250
5/8" (50 M)	559.750
3/4" (50 M)	721.000



**SELANG SUPERFLEX**

SIZE	HARGA
1/2" (50 M)	393.000
5/8" (50 M)	537.250
3/4" (50 M)	766.000
1" (50 M)	1.033.000
1/2" (100 M)	786.000
5/8" (100 M)	1.074.500
3/4" (100 M)	1.532.000



**SELANG DOF**

SIZE	HARGA
1/2" (50 M)	218.750
5/8" (50 M)	326.750
3/4" (50 M)	400.750
1" (50 M)	631.250
1/2" (100 M)	437.500
5/8" (100 M)	653.500
3/4" (100 M)	801.500

**KATEGORI: SELANG MESIN CUCI**

NEW



**SELANG SPIRAL**

SIZE	HARGA
1" (50M)	783.750
1-1/4" (50M)	1.052.250
1-1/2" (50M)	1.309.000
2" (50M)	1.686.250
2-1/4" (50M)	2.077.500
2-1/2" (50M)	2.333.750
3" (50M)	3.332.000
3-1/2" (25M)	1.970.250
4" (25M)	2.253.000
4-1/2" (25M)	2.635.250
5" (20M)	2.979.250
6" (20M)	3.498.250
8" (6M)	1.527.750



**SELANG HIPREX**

SIZE	HARGA
1/2" (100 M)	1.033.500
5/8" (50 M)	736.250
3/4" (50 M)	943.500
1" (50 M)	1.306.000
5/8" (100 M)	1.472.500
3/4" (100 M)	1.887.000



**SMC OUTLET**

SIZE	PCS/KTK	PCS/DUS	HARGA
2 M	-	24	60.000



**SMC INLET**

SIZE	PCS/KTK	PCS/DUS	HARGA
2 M	-	24	75.500

# ONDA®

Pelopornya Kualitas

**KATEGORI: DRAINER**

NEW



**FLS - TUL**

SIZE	PCS/KTK	PCS/DUS	HARGA
2"	1	80	45.750

NEW



**FLS FLOW**

SIZE	PCS/KTK	PCS/DUS	HARGA
2-1/2"	1	96	95.750



**FLS 01**

SIZE	PCS/KTK	PCS/DUS	HARGA
1-1/2"	10	120	100.000

WARRANTY



**FLS 02**

SIZE	PCS/KTK	PCS/DUS	HARGA
2"	-	126	124.250
3"	10	120	184.250
4"	-	64	278.500

READY STOCK



**FLS 05 (SHORT)**

SIZE	PCS/KTK	PCS/DUS	HARGA
1-1/2"	8	96	246.500

READY STOCK



**FLS 07 (MEDIUM)**

SIZE	PCS/KTK	PCS/DUS	HARGA
2"	8	48	298.500



**FLS 11**

SIZE	PCS/KTK	PCS/DUS	HARGA
6"	24	96	128.000



**FLS 12 + FRAME**

SIZE	PCS/KTK	PCS/DUS	HARGA
2"	1	72	159.750



**FLS 13 (PVC)**

SIZE	PCS/KTK	PCS/DUS	HARGA
2"	1	80	46.750

READY STOCK



**FLS 21 GKU**

SIZE	PCS/KTK	PCS/DUS	HARGA
2"	1	24	286.750

READY STOCK



**FCO (FLOOR CLEAN OUT)**

SIZE	PCS/KTK	PCS/DUS	HARGA
2"	20	100	208.250
3"	10	60	301.500
4"	10	40	426.500



**KUNCI FCO (CLEAN OUT WRENCH)**

SIZE	PCS/KTK	PCS/DUS	HARGA
-	-	100	228.750

READY STOCK



**RFS 01 (ROOF DRAIN BRASS)**

SIZE	PCS/KTK	PCS/DUS	HARGA
3"	-	24	370.750



**RFS 02 (ROOF DRAIN IRON)**

SIZE	PCS/KTK	PCS/DUS	HARGA
3"	-	24	271.500

# ONDA®

Pelopornya Kualitas

## KATEGORI: METERAN

NEW



### MT M-TUL 3 MTR

SIZE	PCS/KTK	PCS/DUS	HARGA
3 M	16	128	26.750

NEW



### MT M-TUL MAX

SIZE	PCS/KTK	PCS/DUS	HARGA
7,5M	1	60	78.500

NEW



### MT M-TAP

SIZE	PCS/KTK	PCS/DUS	HARGA
5 M	1	120	40.000

NEW



### MT M-WAH

SIZE	PCS/KTK	PCS/DUS	HARGA
5 M	1	60	54.250



### MT M-TUL 5 MTR

SIZE	PCS/KTK	PCS/DUS	HARGA
5 M	1	120	33.250



### MT 01

SIZE	PCS/KTK	PCS/DUS	HARGA
5 M	10	120	50.500



### MT 02

SIZE	PCS/KTK	PCS/DUS	HARGA
3 M	10	120	37.500

## KATEGORI: MERCHANDISE

NEW



### LAP SINTETIS (CLEANING CLOTH) MOTOR

SIZE	PCS/KTK	PCS/DUS	HARGA
31 cm x 21cm	1	100	11.500

NEW



### MICROFIBER TOWEL

SIZE	PCS/KTK	PCS/DUS	HARGA
30cm x 30cm	10	250	27.500

NEW



### LAP SINTETIS (CLEANING CLOTH)

SIZE	PCS/KTK	PCS/DUS	HARGA
43cm x 32cm	1	250	16.250

NEW



### EMBER LIPAT

SIZE	PCS/KTK	PCS/DUS	HARGA
10 L	1	12	76.000

NEW



### KURSI LIPAT BESAR

SIZE	PCS/KTK	PCS/DUS	HARGA
-	1	12	138.000

# ONDA VALVE

## KATEGORI: BRASS VALVE

NEW

100%  
BRASS



### TUSEN KLEP FULL BRASS

SIZE	PCS/KTK	PCS/DUS	HARGA
3/4"	6	96	93.750
1"	6	72	124.000



### BALL VALVE

SIZE	PCS/KTK	PCS/DUS	HARGA
1/4"	12	96	114.750
3/8"	12	84	118.250
1/2"	21	84	132.250
3/4"	15	60	182.500
1"	8	48	282.000
1-1/4"	8	32	470.000
1-1/2"	6	24	635.500
2"	4	16	1.024.750
2-1/2"	2	8	2.835.250
3"	2	4	3.420.500
4"	1	2	6.302.250



### BALL VALVE FILTER

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	6	36	156.750
3/4"	6	36	194.250
1"	4	24	318.500



### BALL VALVE LONG NECK

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	6	36	215.750



### BALL VALVE KOMPRESSOR

SIZE	PCS/KTK	PCS/DUS	HARGA
1/4"	50	400	35.250



### BALL VALVE M X F

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	144	159.500
3/4"	10	120	213.250
1"	8	72	336.500



### BALL VALVE 3 WAY

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	6	36	219.500
3/4"	6	36	291.000
1"	4	24	440.000
2"	2	8	1.299.750



### CHECK VALVE

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	10	100	124.500
3/4"	6	60	179.500
1"	5	40	301.500
1-1/4"	5	20	462.000
1-1/2"	5	20	592.250
2"	3	9	920.250
2-1/2"	2	6	1.917.250
3"	1	4	2.597.750
4"	1	2	5.197.750



### GATE VALVE

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	10	100	95.250
3/4"	5	60	144.000
1"	5	40	256.500
1-1/4"	5	30	379.750
1-1/2"	4	24	495.500
2"	2	16	693.500
2-1/2"	2	8	1.497.750
3"	2	6	2.052.250
4"	1	2	3.865.250



### TUSEN KLEP

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	10	120	62.750
3/4"	20	120	88.250
1"	18	90	116.250
1-1/4"	6	36	208.250
1-1/2"	8	24	372.750
2"	6	36	545.250
2-1/2"	1	18	1.019.750
3"	1	12	1.114.750
4"	1	6	2.172.250



### Y STRAINER

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	10	60	170.000
3/4"	8	40	268.000
1"	6	24	441.500
1-1/4"	4	16	629.250
1-1/2"	2	8	873.500
2"	2	6	1.460.250
2-1/2"	1	4	3.125.750

# ONDA VALVE

## KATEGORI: BRASS FITTING



### DOUBLE NIPPLE (BRASS)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/4"	6	720	22.500
3/8"	6	720	29.250
1/2"	12	360	30.750
3/4"	12	240	48.000
1"	6	240	71.000
1-1/4"	6	120	109.500
1-1/2"	6	96	140.000
2"	6	60	163.750



### DOUBLE NIPPLE (CHROME)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/4"	6	720	24.000
3/8"	6	720	31.250
1/2"	12	360	31.500
3/4"	12	240	49.750
1"	6	240	74.250
1-1/4"	6	120	119.250
1-1/2"	6	96	143.250
2"	6	60	181.750



### EXTENSION PIECE (EPG)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"x10	180	1080	27.000
1/2"x15	120	720	28.250
1/2"x20	100	600	37.250
1/2"x30	80	480	51.250



### EXTENSION PIECE (EPS)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"x10	180	1080	27.750
1/2"x15	120	720	29.250
1/2"x20	100	600	36.250
1/2"x30	80	480	53.500



### HOSE COUPLER (CO)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"x3/8"	50	600	32.000
1/2"x1/2"	50	500	32.000
1/2"x5/8"	50	500	32.750
3/4"x3/8"	50	500	38.750
3/4"x1/2"	50	400	38.750
3/4"x5/8"	50	400	42.250
3/4"x3/4"	50	300	44.000



### MUR UNION (HC)

SIZE	PCS/KTK	PCS/DUS	HARGA
1"	60	360	40.750



### NOZZLE

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	100	106.000



### QC (QUICK COUPLER)

SIZE	PCS/KTK	PCS/DUS	HARGA
1"	8	96	173.000



### SOCKET CHROME (BRASS)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	60	540	46.000



### TEE KUNINGAN (W3)

SIZE	PCS/KTK	PCS/DUS	HARGA
1"	12	120	119.750



### TEE KUNINGAN OTOMATIS (4 WAY)

SIZE	PCS/KTK	PCS/DUS	HARGA
1"	20	120	126.000



### TEE CHROME (BRASS)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	30	360	86.750



### TEE CHROME MXF (BRASS)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	240	75.000



### UHC (UNIVERSAL HOSE COUPLING)

SIZE	PCS/KTK	PCS/DUS	HARGA
1"	12	144	106.000



### VERLOP RING (CV)

SIZE	PCS/KTK	PCS/DUS	HARGA
3/4"x1/2"	100	400	27.500

# ONDA VALVE

## KATEGORI: PVC VALVE



**PVCBV WM**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	120	30.250
3/4"	1	96	51.000
1"	1	32	66.250



**PVCBV (POLOS)**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	208	23.000
3/4"	1	160	33.250
1"	1	108	40.750
1-1/4"	1	72	60.750
1-1/2"	1	48	109.500
2"	1	32	117.500
2-1/2"	1	8	349.000
3"	1	4	462.500
4"	1	2	772.250
5"	1	2	1.895.500
6"	1	1	2.656.000



**PVAG (DRAT)**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	100	21.500
3/4"	1	100	31.000
1"	1	80	46.500
1-1/4"	1	72	71.750
1-1/2"	1	48	90.500
2"	1	32	130.750



**PVBG (POLOS)**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	100	21.500
3/4"	1	100	31.000
1"	1	80	46.500
1-1/4"	1	72	71.750
1-1/2"	1	48	90.500
2"	1	32	130.750



**WATER MOOR (PVC)**

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	20	320	17.500
3/4"	49	196	24.250
1"	42	126	30.500
1-1/4"	16	64	45.250
1-1/2"	12	48	65.000
2"	8	32	116.750

# ONDA VALVE

## KATEGORI: PIPA PE-X



### PIPA PE-X (50 M)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	50 M	1	1.467.750
3/4"	50 M	1	2.376.750
1"	50 M	1	3.940.250



### GUNTING PIPA PE-X (PE-X CUTTER)

SIZE	PCS/KTK	PCS/DUS	HARGA
-	-	50	184.750

## KATEGORI: FITTING PIPA PE-X



### ELBOW (KNEE)

SIZE	PCS/KTK	PCS/DUS	HARGA
16mm	12	120	82.500
20mm	10	100	113.000
25mm	6	60	204.500



### FEMALE ELBOW (KNEE DRAT DALAM)

SIZE	PCS/KTK	PCS/DUS	HARGA
16mm x 1/2"	20	120	60.750
20mm x 1/2"	12	120	70.000
20mm x 3/4"	10	100	98.750
25mm x 1"	6	60	191.500



### MALE ELBOW (KNEE DRAT LUAR)

SIZE	PCS/KTK	PCS/DUS	HARGA
16mm x 1/2"	12	120	54.250
20mm x 3/4"	10	100	88.000
25mm x 1"	6	60	151.250



### REDUCING ELBOW (KNEE)

SIZE	PCS/KTK	PCS/DUS	HARGA
20mm x 16 mm	12	120	71.750

# ONDA VALVE

## KATEGORI: FITTING PIPA PE-X



### TEE

SIZE	PCS/KTK	PCS/DUS	HARGA
16mm	12	120	103.750
20mm	10	100	167.000
25mm	6	60	280.750



### FEMALE TEE (TEE DRAT DALAM)

SIZE	PCS/KTK	PCS/DUS	HARGA
16mm x 1/2"	12	120	88.250
20mm x 3/4"	10	100	147.250
25mm x 1"	6	60	315.500



### MALE TEE (TEE DRAT LUAR)

SIZE	PCS/KTK	PCS/DUS	HARGA
16mm x 1/2"	12	120	88.250
20mm x 3/4"	10	100	143.000
25mm x 1"	6	60	239.250



### REDUCING TEE

SIZE	PCS/KTK	PCS/DUS	HARGA
20mm x 16mm x 20mm	12	120	108.750



### STRAIGHT (SOCKET)

SIZE	PCS/KTK	PCS/DUS	HARGA
16mm	12	120	62.000
20mm	10	100	106.000
25mm	6	60	173.750



### FEMALE STRAIGHT (SOCKET DRAT DALAM)

SIZE	PCS/KTK	PCS/DUS	HARGA
16mm x 1/2"	12	120	47.500
20mm x 1/2"	12	120	52.250
20mm x 3/4"	10	100	76.250
25mm x 1"	6	60	126.250



### MALE STRAIGHT (SOCKET DRAT LUAR)

SIZE	PCS/KTK	PCS/DUS	HARGA
16mm x 1/2"	12	120	40.250
16mm x 3/4"	12	120	42.750
20mm x 1/2"	12	120	52.500
20mm x 3/4"	10	100	67.500
25mm x 1"	6	60	118.500



### REDUCING STRAIGHT (SOCKET)

SIZE	PCS/KTK	PCS/DUS	HARGA
20mm x 16mm	10	100	62.500
25mm x 16mm	10	100	99.000
25mm x 20mm	10	100	104.250

# ONDA VALVE

## KATEGORI: WATER METER

NEW



### WATER METER FLANGE (BRASS)

SIZE	PCS/KTK	PCS/DUS	HARGA
2"	1	1	2.900.000

NEW



### BOX WATER METER

SIZE	PCS/KTK	PCS/DUS	HARGA
31cm x 21cm x 18.5cm	1	20	46.750



### WATER METER (BRASS)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	10	614.000
3/4"	1	10	1.114.500



### WATER METER (BRASS)

SIZE	PCS/KTK	PCS/DUS	HARGA
1"	1	5	1.898.750



### WATER METER PLASTIK (NANO)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	1	10	552.250



### WATER METER FLANGE

SIZE	PCS/KTK	PCS/DUS	HARGA
2-1/2"	1	1	2.244.750
3"	1	1	2.627.750
4"	1	1	2.942.750
6"	1	1	4.098.500
8"	1	1	5.367.000
10"	1	1	17.563.750
12"	1	1	21.954.500

## KATEGORI: PDAM VALVE



### BALL VALVE (MAGNETIC)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	72	113.500



### FERULLE CUTTER

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	10	100	138.000



### GLOBE VALVE (MAGNETIC)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2" x 1/2"	5	50	128.500



### PLUG KRAN STANDARD

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	120	106.250
3/4"	10	60	225.500



### PLUG KRAN MINI

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	15	150	71.750



### WATER GAUGE

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	4 SET	40 SET	221.750

# ONDA VALVE



### ALGP (MAGNETIC)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2" x 3/4"	10	100	138.250



### ALPE (MAGNETIC)

SIZE	PCS/KTK	PCS/DUS	HARGA
20mm x 3/4"	6	60	173.250
25mm x 3/4"	6	60	176.250
25mm x 1"	6	60	235.500



### ALPE

SIZE	PCS/KTK	PCS/DUS	HARGA
20mm x 3/4"	5	50	235.750
25mm x 3/4"	5	50	235.750



### LGPF

SIZE	PCS/KTK	PCS/DUS	HARGA
1" x 1-1/4"	8	48	434.000
1-1/4" x 1-1/2"	6	24	719.500
1-1/2" x 2"	4	16	1.420.500



### LGPM

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2" x 3/4"	5	80	176.250
3/4" x 3/4"	5	80	183.750
3/4" x 1"	4	64	202.500



### LPE (MAGNETIC)

SIZE	PCS/KTK	PCS/DUS	HARGA
25mm x 3/4"	5	80	167.000
32mm x 1-1/4"	4	36	413.500



### LPE

SIZE	PCS/KTK	PCS/DUS	HARGA
25mm x 3/4"	5	80	220.750

# Perruno®

## KATEGORI: MAX SERIES

NEW  
BEST



### GATE VALVE PERRUNO MAX

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	120	70.000

NEW  
BEST



### CHECK VALVE PERRUNO MAX

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	120	69.750

NEW  
BEST



### PLUG KRAN PERRUNO MAX

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	10	100	65.500

## KATEGORI: VALVE & ACCESSORIS

BEST



### GATE VALVE PERRUNO

SIZE	PCS/KTK	PCS/DUS	HARGA
3/4"	6	72	89.000
1"	6	48	123.500
1-1/4"	5	30	197.750
1-1/2"	4	24	262.500
2"	2	16	378.500
2-1/2"	2	8	697.000
3"	2	6	1.120.750
4"	-	2	1.820.250

BEST



### CHECK VALVE PERRUNO

SIZE	PCS/KTK	PCS/DUS	HARGA
3/4"	8	80	94.000
1"	6	48	133.750
1-1/4"	5	20	214.000
1-1/2"	5	20	289.750
2"	3	9	501.750

BEST



### ALPE PERRUNO (MAGNETIC)

SIZE	PCS/KTK	PCS/DUS	HARGA
20mm x 3/4"	12	60	126.250

BEST



### BALL VALVE PERRUNO (MAGNETIC)

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	12	72	99.000

BEST



### BALL VALVE PERRUNO

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	14	84	71.250
3/4"	12	72	96.000
1"	10	60	164.000
1-1/4"	8	32	231.750
1-1/2"	6	24	366.000
2"	4	16	574.750



### SEALTAPE PERRUNO 10M

SIZE	PCS/KTK	PCS/DUS	HARGA
1/2"	60	600	2.600

BEST



### TUSEN KLEP PERRUNO

SIZE	PCS/KTK	PCS/DUS	HARGA
3/4"	10	80	56.500
1"	12	60	82.750



### FILTER TUSEN PERRUNO

SIZE	PCS/KTK	PCS/DUS	HARGA
3/4"	10	80	9.250
1"	12	60	12.500

# OE ONDA EXCLUSIVE®

## KATEGORI: RAIN SHOWER



**RS 18**  
 SIZE PCS/KTK PCS/DUS HARGA  
 - - 4 3.402.000

## KATEGORI: HAND SHOWER



**SW RB WHT**  
 SIZE PCS/KTK PCS/DUS HARGA  
 - - 12 212.000



**SW RB CHR**  
 SIZE PCS/KTK PCS/DUS HARGA  
 - - 12 212.000

## KATEGORI: WALL SHOWER TAP



**CWS 02 M**  
 SIZE PCS/KTK PCS/DUS HARGA  
 - - 36 176.750



**IWS 01**  
 SIZE PCS/KTK PCS/DUS HARGA  
 - - 24 709.250

## KATEGORI: SHOWER BAR



**SB 03**  
 SIZE PCS/KTK PCS/DUS HARGA  
 - - 3 704.750

## KATEGORI: KRAN CABANG



**E 01 M**  
 SIZE PCS/KTK PCS/DUS HARGA  
 - - 30 319.000



**E 08 LG**  
 SIZE PCS/KTK PCS/DUS HARGA  
 - - 30 371.000

## KATEGORI: JET SHOWER



**TS 02 P**  
 SIZE PCS/KTK PCS/DUS HARGA  
 - - 20 158.250



**TS 03 W**  
 SIZE PCS/KTK PCS/DUS HARGA  
 - - 20 123.000

# OE ONDA EXCLUSIVE®

## KATEGORI: KRAN TEMBOK



**F 100 M**

SIZE	PCS/KTK	PCS/DUS	HARGA
-	-	40	170.250



**F 101 M**

SIZE	PCS/KTK	PCS/DUS	HARGA
-	-	36	196.000



**F 800 Y**

SIZE	PCS/KTK	PCS/DUS	HARGA
-	-	40	170.250



**F 801 Y**

SIZE	PCS/KTK	PCS/DUS	HARGA
-	-	36	196.000

## KATEGORI: KRAN WASTAFEL



**F 21001**

SIZE	PCS/KTK	PCS/DUS	HARGA
-	-	10	692.500



Daftar Harga Pipa		
Type	HOT	COLD
16 mm (1/2 Inch)	14.884	4.541
20 mm (3/4" Inch)	20.585	6.811
25 mm (1 Inch)	27.548	9.284
32 mm (1 1/4 Inch)	-	12.664

- 1 Roll = 50 meter

HARGA BALL VALVES	
Type	Harga
Q½F	115.692
Q¾F	159.840
Q1F	243.695
Q16	144.653
Q20	167.509
Q25	197.984

HARGA GATE VALVES	
Type	Harga
GV ½"	118.972
GV ¾"	174.220
GV 1"	224.422

Kran Taman TAB 5/8"		117.155
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	87.185		Uk. 16 mm (100 pcs/Kantong)	656/pcs
Pipe Cutter Besar			Uk. 20 mm (100 pcs/Kantong)	777/pcs
	65.793		Uk. 25 mm (100 pcs/Kantong)	807/pcs
Pipe Cutter Sedang		Klem		

\*Pemasangan luar ruangan disarankan menggunakan isolasi anti UV



	Type	HARGA JUAL		
		COPPER ( Fitting WESTPEX R )	NYLON ( Fitting GREEN )	
Copper 	T 16	91.474	11.150	
	Nylon 	T 20	114.280	15.893
Tee	T 25	156.964	23.310	
	T 32	233.857	49.597	
	T 40	847.687	172.706	
	T 16-20-16	99.850	-	
Copper 	T 16-25-16	115.793	-	
	T 20-16-20	105.904	11.655	
	T 20-25-20	-	-	
	T 20-32-20	165.289	-	
	T 25-16-25	127.953	21.191	
	T 25-20-25	146.268	22.250	
	T 25-32-25	191.980	-	
	T 32-16-32	198.791	-	
	Nylon 	T 32-20-32	203.382	-
	T 32-25-32	213.271	45.864	
	T 40-16-40	-	152.575	
	T 40-20-40	-	-	
T 40-25-40	-	156.308		
Reducing Tee	T 40-32-40	724.174	168.165	
Copper 	T 16-½F-16	80.021	-	
	T 20-½F-20	92.937	-	
	Nylon 	T 25-½F-25	127.953	-
	T 32-½F-32	178.306	-	
Copper 	L 16	60.949	7.972	
	L 20	80.021	12.715	
	L 25	115.743	18.012	
	Nylon 	L 32	169.830	36.680
	L 40	676.999	-	

	Type	HARGA JUAL		
		COPPER ( Fitting WESTPEX R )	NYLON ( Fitting GREEN )	
Copper 	L 20-16	70.788	14.935	
	L 25-16	88.396	27.346	
	L 25-20	101.262	26.186	
	L 32-16	-	47.175	
Nylon 	L 32-20	-	47.377	
	L 32-25	142.433	47.680	
	L 40-25	837.646	-	
	L 40-32	883.409	-	
Copper 	L 16-½ F	53.330	6.912	
	L 20-½ F	64.027	11.655	
	L 20-¾ F	85.268	-	
	L 25-½ F	99.749	-	
	Nylon 	L 25-¾ F	85.268	21.191
	L 25-1 F	99.749	-	
	L 32-1 F	131.787	39.203	
	L 16-½ FC	69.325	-	
	L 20-½ FC	75.430	-	
	L 20-¾ FC	91.474	-	
	Copper 	L 16-½ M	61.000	9.031
		L 20-½ M	70.838	15.086
L 20-¾ M		75.430	15.893	
L 25-½ M		88.396	-	
Nylon 		L 25-¾ M	105.904	22.805
Male Elbow	L 25-1 M	127.953	-	
	L 32-1 M	-	36.680	



	Type	HARGA JUAL	
		COPPER ( Fitting WESTPEX R )	NYLON ( Fitting GREEN )
Copper  Nylon  Straight	S 16	59.435	7.972
	S 20	83.805	11.655
	S 25	120.385	14.834
	S 32	172.857	31.282
	S 40	488.148	98.134
Copper  Nylon  Reducing Straight	S 20-16	73.916	10.595
	S 25-16	94.501	13.068
	S 25-20	101.262	13.270
	S 32-16	131.787	24.824
	S 32-20	140.920	35.268
	S 32-25	155.350	36.025
	S 40-16	761.510	91.323
	S 40-20	791.985	91.979
	S 40-25	837.646	92.382
	S 40-32	990.019	93.038
Copper  Nylon  Female Straight	S 16-½ F	41.928	6.912
	S 20-½ F	64.027	11.100
	S 20-¾ F	69.325	-
	S 25-½ F	78.457	13.270
	S 25-¾ F	85.269	12.109
	S 32-½ F	120.385	23.310
	S 32-¾ F	133.301	26.489
	S 32-1 F	121.848	26.489
	S 40-1 F	360.195	-
	S 40-1¼ F	837.646	-
	S 40-1½ F	868.171	-

	Type	HARGA JUAL	
		COPPER ( Fitting WESTPEX R )	NYLON ( Fitting GREEN )
Copper  Nylon  Male Straight	S 16-½ M	41.928	6.912
	S 16-¾ M	47.982	-
	S 16-1 M	-	-
	S 20-½ M	59.385	10.066
	S 20-¾ M	59.486	10.596
	S 20-1 M	-	13.774
	S 25-½ M	85.269	14.531
	S 25-¾ M	85.369	14.834
	S 25-1 M	94.501	15.389
	S 32-½ M	120.334	23.663
Double Nepple 	S 32-¾ M	120.435	23.966
	S 32-1 M	126.439	22.805
	S 32-1¼ M	156.914	-
	S 40-1¼ M	837.545	93.139
	S 40-1½ M	868.070	96.974
	½ M	28.961	-
	¾ M	35.873	-
	1 M	48.033	-