

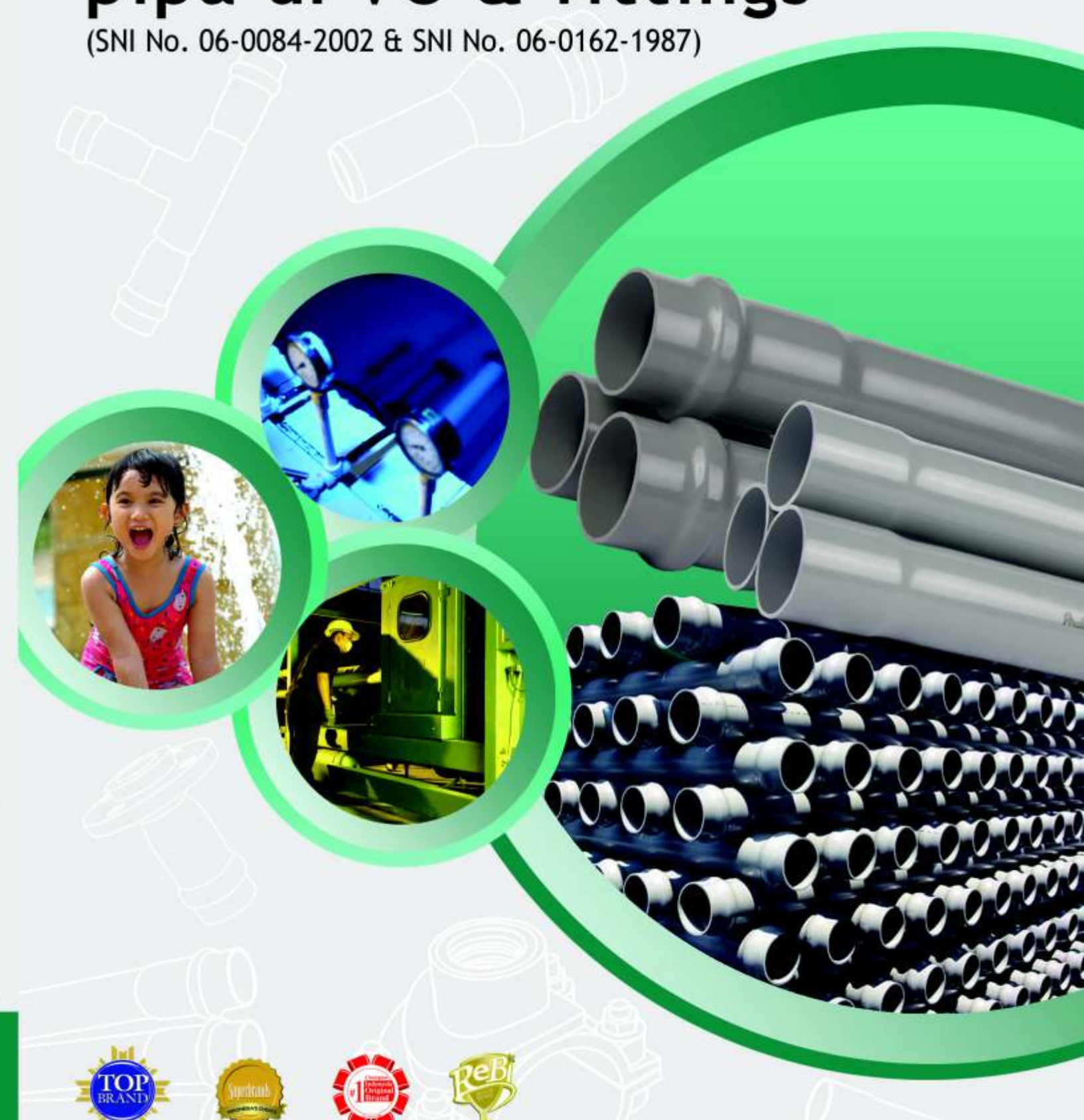
Bell Fittings



pipa uPVC & fittings

(SNI No. 06-0084-2002 & SNI No. 06-0162-1987)

TS Fittings



Distribusi oleh :

PT. PRALON
www.pralon.com
Email : info@pralon.com
Pusat informasi : (021) 304 38808



"BELL END" (RUBBER RING JOINT)



Satuan : mm.

UKURAN NOMINAL	NOMINAL OD	SNI 06-0084-2002/ISO 4065-1978							PANJANG STANDARD	
		S-6,3	S-8	S-10	S-12,5	S-16	S-20	E	L	
50(2")	63	4.7	3.8	3.0	2.4	2.0	1.6	115	6000 ± 5	
65(2½")	75	5.5	4.5	3.6	2.9	2.3	1.9	115	6000 ± 5	
75(3")	90	6.6	5.4	4.3	3.5	2.8	2.2	125	6000 ± 5	
100(4")	110	8.2	6.6	5.3	4.2	3.4	2.7	130	6000 ± 5	
125(5")	140	10.3	8.3	6.7	5.4	4.3	3.5	145	6000 ± 5	
150(6")	160	11.8	9.5	7.7	6.2	4.9	4.0	160	6000 ± 5	
200(8")	200	14.7	11.9	9.6	7.7	6.2	4.9	175	6000 ± 5	
200(8")	225	16.6	13.4	10.8	8.6	6.9	5.5	180	6000 ± 5	
250(10")	250	18.4	14.8	11.9	9.9	7.7	6.2	195	6000 ± 5	
250(10")	280	20.6	16.6	13.4	10.7	8.6	6.9	200	6000 ± 5	
300(12")	315	23.2	18.7	15.0	12.1	9.7	7.7	215	6000 ± 5	
350(14")	355	26.1	21.1	16.9	13.6	10.9	8.7	250	6000 ± 5	
400(16")	400	29.4	23.7	19.1	15.3	12.3	9.8	290	6000 ± 5	
450(18")	450	-	26.7	21.5	17.2	13.8	11.0	320	6000 ± 5	
500(20")	500	-	29.6	23.9	19.1	15.3	12.3	340	6000 ± 5	
600(24")	630	-	-	30.0	24.1	19.3	15.4	415	6000 ± 5	

Metode Penyambungan

Rubber Ring Jointing System



"TS END" (SOLVENT CEMENT JOINT)



Satuan : mm.

UKURAN NOMINAL	NOMINAL OD	SNI 06-0084-2002/ISO 4065-1978							PANJANG STANDARD	
		S-6,3	S-8	S-10	S-12,5	S-16	S-20	E	L	
15(½")	20	1.5	1.2	1.0	0.8	0.7	0.5	37	6000 ± 5	
20(¾")	25	1.9	1.5	1.2	1.0	0.8	0.7	40	6000 ± 5	
25(1")	32	2.4	1.9	1.6	1.3	1.0	0.8	44	6000 ± 5	
30(1¼")	40	3.0	2.4	1.9	1.6	1.5	1.0	49	6000 ± 5	
40(1½")	50	3.7	3.0	2.4	2.0	1.6	1.3	55	6000 ± 5	
50(2")	63	4.7	3.8	3.0	2.4	2.0	1.6	63	6000 ± 5	
65(2½")	75	5.5	4.5	3.6	2.9	2.3	1.9	70	6000 ± 5	
75(3")	90	6.6	5.4	4.3	3.5	2.8	2.2	79	6000 ± 5	
100(4")	110	8.2	6.6	5.3	4.2	3.4	2.7	91	6000 ± 5	
125(5")	140	10.3	8.3	6.7	5.4	4.3	3.5	109	6000 ± 5	
150(6")	160	11.8	9.5	7.7	6.2	4.9	4.0	121	6000 ± 5	
200(8")	200	14.7	11.9	9.6	7.7	6.2	4.9	145	6000 ± 5	
200(8")	225	16.6	13.4	10.8	8.6	6.9	5.5	160	6000 ± 5	
250(10")	250	18.4	14.8	11.9	9.9	7.7	6.2	175	6000 ± 5	
250(10")	280	20.6	16.6	13.4	10.7	8.6	6.9	193	6000 ± 5	
300(12")	315	23.2	18.7	15.0	12.1	9.7	7.7	214	6000 ± 5	
350(14")	355	26.1	21.1	16.9	13.6	10.9	8.7	238	6000 ± 5	
400(16")	400	29.4	23.7	19.1	15.3	12.3	9.8	265	6000 ± 5	

Solvent Cement Jointing System



Compression Joint



pipa polyethylene

(SNI No. 4829.2 : 2015)

Electro Fusion



Segmented



Distribusi oleh :

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Spesifikasi Pipa HDPE & MDPE

DIAMETER	AIR MINUM										G A S	
	BAHAN HDPE PE 100										BAHAN MDPE	
	SNI 4829.2:2015 / ISO 4427- 2:2007										ISO 4437 - 1997	
DN (inch)	OD (mm)	SDR 41 PH 4 S-90	SDR 33 PH 5 S-16	SDR 26 PH 6 S-19.5	SDR 21 PH 8 S-10	SDR 17 PH 10 S-8	SDR 13.4 PH 13.5 S-6.3	SDR 11 PH 16 S-5	SDR 11	SDR 17.6		
1/2"	20	---	---	---	---	---	---	2.0	3.0	2.3		
3/4"	25	---	---	---	---	---	2.0	2.3	3.0	2.3		
1"	32	---	---	---	---	2.0	2.4	3.0	3.0	2.3		
1-1/8"	40	---	---	---	2.0	2.4	3.0	3.7	3.7	2.3		
1-1/2"	50	---	---	2.0	2.4	3.0	3.0	3.7	4.6	2.9		
2"	63	---	---	2.5	3.0	3.8	4.7	5.8	5.8	3.6		
2-1/2"	75	---	---	2.9	3.6	4.5	5.6	6.8	6.8	4.3		
3"	90	---	---	3.5	4.3	5.4	6.7	8.2	8.2	5.2		
4"	110	---	---	4.2	5.3	6.6	8.1	10.0	10.0	6.3		
5"	125	---	---	4.8	6.0	7.4	9.2	11.4	11.4	7.1		
6"	140	---	---	5.4	6.7	8.3	10.3	12.7	12.7	8.0		
6"	160	---	---	6.2	7.7	9.5	11.8	14.6	14.6	9.1		
8"	180	---	---	6.9	8.6	10.7	13.3	16.4	16.4	10.3		
8"	200	---	---	7.7	9.6	11.9	14.7	18.2	18.2	11.4		
10"	225	---	---	8.6	10.8	13.4	16.6	20.5	20.5	12.8		
10"	250	---	---	9.6	11.9	14.8	18.4	22.7	22.7	14.2		
12"	280	---	---	10.7	13.4	16.6	20.6	25.4	25.4	15.9		
12"	315	7.7	9.7	12.1	15.0	18.7	23.2	28.6	28.6	17.9		
14"	355	8.7	10.9	13.6	16.9	21.1	26.1	32.2	32.2	20.2		
16"	400	9.8	12.3	15.3	19.1	23.7	29.4	36.3	36.4	22.8		
18"	450	11.0	13.8	17.2	21.5	26.7	33.1	40.9	40.9	25.6		
20"	500	12.3	15.3	19.1	23.9	29.7	36.8	45.4	45.5	28.4		
22"	560	13.7	17.2	21.4	26.7	33.2	41.2	50.8	50.9	31.9		
24"	630	15.4	19.3	24.1	30.0	37.4	46.3	57.2	57.3	35.8		
28"	710	17.4	21.8	27.2	33.9	42.1	52.2	64.5	---	---		
32"	800	19.6	24.5	30.6	38.1	47.4	58.8	72.6	---	---		

Metode Penyambungan Pipa Polyethylene

Butt Welding / Butt Fusion



Electro Fusion



Stub End dan Flange Adaptor



Compression Fittings / Mekanikal Joint



Tabel Metode Penyambungan

Pipe Connection	Outside Diameter (mm)																													
	20	25	32	40	50	63	75	90	110	125	140	160	200	225	250	280	315	355	400	450	500	560	630	710	800	900	1000	1200		
Compression Joint																														
Electro Fusion Coupler																														
Butt Welding																														
Flange Connector																														
Compression Joint																														
Electro Fusion Fitting																														
Segmented Fitting																														
Injection																														

Data Teknis

BAHAN	HDPE PE 100	MDPE
Density	0.958 g/cm ³	0.940 g/cm ³
Melt Index	0.215 g/10 min at 190°C/5.0 kg	0.2 g/10 min
Tensile Strength	20 Mpa	-
Elongation at Break	Min 400%	> 700%

Standard Panjang Pipa Polyethylene

Diameter (mm)	Meter / Roll				Meter / Batang	
	50	100	200	250	6	12
20-25	•	•	•	•		
32	•	•	•			
40-63	•	•				
75-110	•					
125-1200					•	•

FITTINGS



Bell Reducer



Cap



Bell Socket



Bell Cap



Bell Bend 90°



Solvent Cement

PIPA DRAINASE

(SNI No: 06 -0162 -1987 & SNI No: 06-0178-1987)



Distribusi oleh :



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SPESIFIKASI PIPA DRAINASE

NOMINAL DIAMETER OD		SNI 06-0162-1987		PANJANG STANDAR		
		KELAS A	KELAS B	E (TS)	E (BE)	L
(inch)	(mm)	Tebal (mm)	Tebal (mm)	(mm)	(mm)	(mm)
1¼	40	1.8	3.2	49		6000±5
1½	50	1.8	3.2	55		6000±5
2	63	1.8	3.2	63	115	6000±5
2½	75	1.8	3.2	70	115	6000±5
3	90	1.8	3.2	79	125	6000±5
4	110	2.2	3.2	91	130	6000±5
6	160	3.2	4.0	121	160	6000±5
8	200	3.9	4.9	145	175	6000±5
10	250	4.9	6.2	175	195	6000±5
12	315	6.2	7.7	214	215	6000±5
16	400	7.8	9.8	265	290	6000±5
20	500	9.8	12.3	-	340	6000±5
24	630	12.3	15.4	-	415	6000±5

Aplikasi :

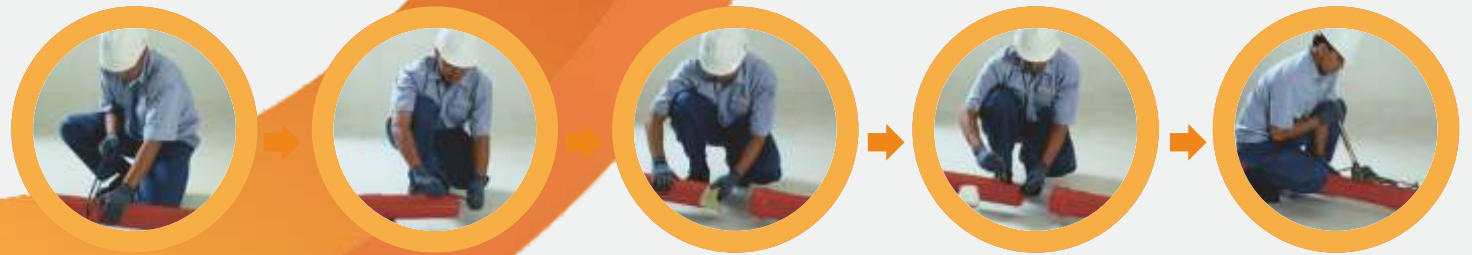
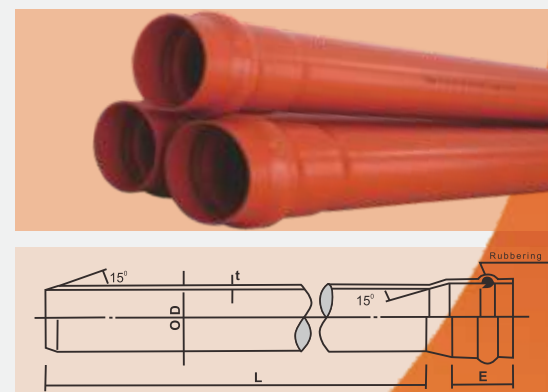
1. Saluran air buangan untuk rumah tinggal, komersial dan industri.
2. Sistem drainase dalam bangunan.
3. Untuk menyalurkan air hujan.
4. Instalasi pengolah air limbah.
5. Menyalurkan *effluent* yang berasal dari *septic tank*.

Keunggulan :

1. Kuat, tahan lama, dan tidak mudah pecah.
2. Mudah dalam pemasangan.
3. Ringan dalam transportasi.
4. Ramah lingkungan karena dapat didaur ulang.
5. Tahan terhadap kondisi yang asam atau basa.
6. Permukaan pipa yang halus meminimalisasi *pressure losses*.

METODE PENYAMBUNGAN

Rubber Ring Jointing System



Solvent Cement Jointing System

