



Pre-insulated Pipe Sealing Cap is Heat Shrink Cap with Hot Melt Adhesive / Mastic, used to seal and to protect the joints of pipeline and other substrates. The caps are manufactured from high quality Cross-linked Polyolefin material.

Features:

- Excellent insulation end seal and provide maximum moisture protection.
- Provides watertight seal and prevents water access to the exposed insulation at the weld joint area.
- Provides corrosion protection to pipeline joints and other substrates.
- Hot melt adhesive lining provides 100% environmental sealing against weathering, moisture, contamination and adverse environmental conditions according to IP 68.
- Can be factory installed, once installed the Cap protects the pre-insulated pipe during transportation and storage.
- Reduces repairing cost.
- Resistance to UV rays & Ozone.
- Easy to install.

Applications:

- Pre-insulated Pipes • End Seal
- Water pipe Lines • Oil & Gas

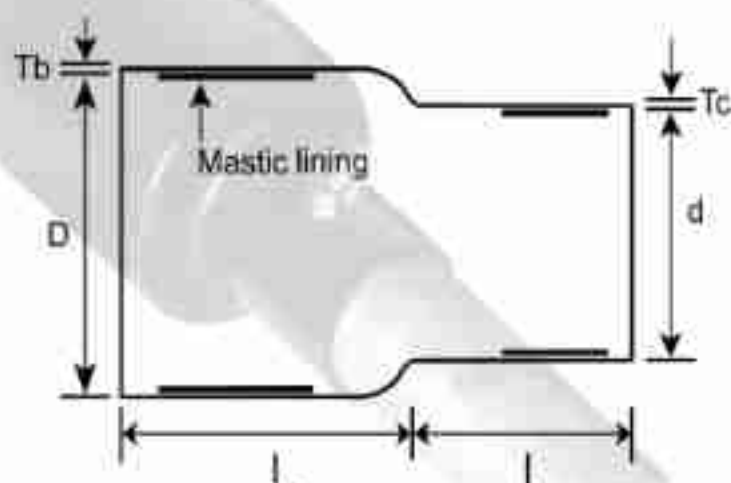
Technical Specification

PROPERTIES	VALUE	STANDARD
Tensile Strength	18 N/mm ² (Mpa) (min.)	ASTM D638
Ultimate Elongation	450% (min.)	ASTM D638
Water Absorption	0.1% (max.)	ASTM D570
Hardness	45 Shore D (min.)	ASTM D2240
Accelerated Ageing	(150°C for 168 hrs.)	ASTM D2671
Ultimate Elongation	320% (min.)	ASTM D638
Low Temp. Flexibility on 25mm Mandrel (-40°C for 4 hrs.)	No Cracking	ASTM D3111
Continuous Temperature Limit	-40°C to 125°C	IEC 216
Adherence to the casing	100 (max.) (@23°C 9N/cm)	Annex B
Adherence to the coating (3lpp)	100 (max.) (@23°C 9N/cm)	Annex B
Shear Resistance (Adhesive)	7N/cm ² (min.) (@23°C 10mm/min.)	DIN 30672
Softening Point (Adhesive)	130°C (min.)	ASTM E28
Adhesion / Peel Strength	14N/cm (min.)	ISO 21809-3

Selection Chart

Code	Ds	Df	ds	df	Ls	Lf	Is	If	Tbf	Tcf	Mlb	Mlc
	Min.	Max.	Min.	Max.	Min.	Min.	Min.	Min.	±10%	±10%	Min.	Min.
GPPC1-1030	60	30	45	10	70	70	40	50	3.2	4.5	30	15
GPPC1-2460-1	85	60	42	24	70	87	90	108	3.4	3.3	30	15
GPPC1-2640-2	105	61	45	24	70	87	85	108	3.4	3.3	30	15
GPPC1-2460-3	125	61	65	24	75	87	75	108	3.4	3.3	30	15
GPPC1-2460-4	140	60	76	24	70	87	70	108	3.4	3.3	30	15
GPPC1-2475-1	118	75	52	24	65	75	30	40	2.5	2.3	30	15
GPPC1-2475-1A	125	75	65	24	65	75	28	40	2.5	2.3	30	15
GPPC1-2475-2	145	75	65	24	55	75	28	40	2.5	2.3	30	15
GPPC1-2475-2A	145	75	75	24	55	75	26	40	2.5	2.3	30	15
GPPC1-2475-3	158	75	70	24	55	75	26	40	2.5	2.3	30	15
GPPC1-3090-1	165	90	100	30	80	85	37	50	2.3	2.5	30	15
GPPC1-3090-2	185	90	67	30	65	85	32	50	2.3	2.5	30	15
GPPC1-3090-3	185	90	105	30	80	85	34	50	2.3	2.5	30	15
GPPC1-3090-4	207	90	105	30	70	85	34	50	2.3	2.5	30	15
GPPC1-4090-1	156	90	95	40	90	72	60	118	3.7	4.5	30	15
GPPC1-4090-2	178	90	105	40	95	72	55	118	3.7	4.5	30	15
GPPC1-225300	570	300	420	225	55	80	45	90	3.5	3.6	30	15

D, d : Internal Diameter | S : as Supplied | f : After Free Recovery | L, l : Length
Tb, Tc : Thickness After Free Recovery | Mlb : Mastic Length of Body | Mlc : Mastic Length of Finger
All dimensions are in mm.

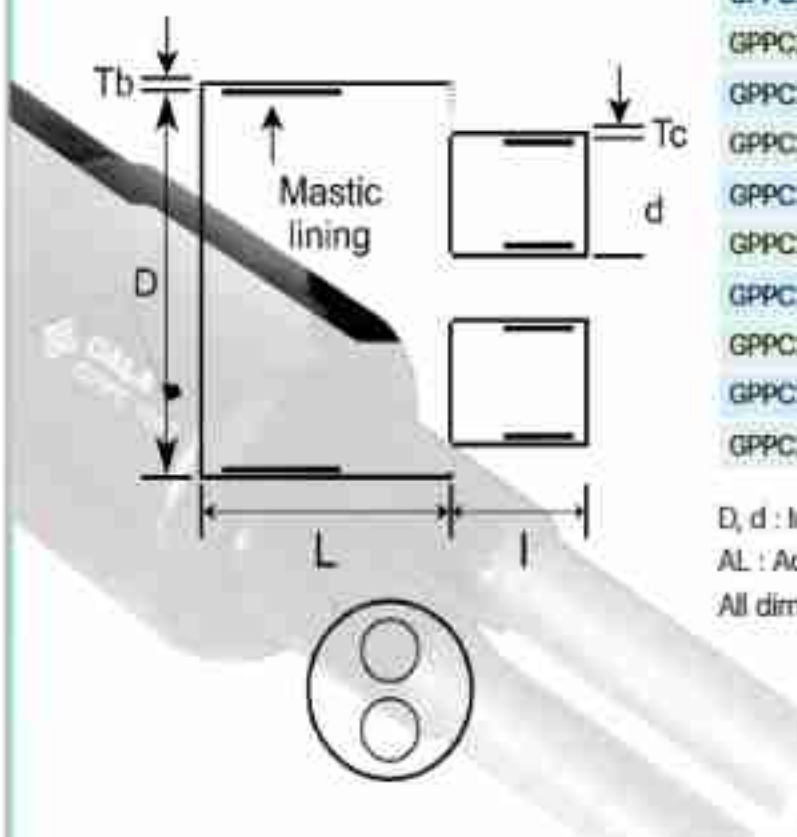




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	Min.	Max.	Min.	Max.	Min.	Min.	Min.	Min.	±10%	±10%	Min.	Min.
GPPC2 1565S	115	65	36	15	60	80	40	54	2.2	2.0	30	15
GPPC2 1565	125	65	45	15	60	80	40	54	2.2	2.0	30	15
GPPC2 1565A	152	65	52	15	60	80	40	54	2.2	2.0	30	15
GPPC2 1565AA	156	65	45	15	60	80	40	54	2.2	2.0	30	15
GPPC2 2075	175	75	60	20	80	105	45	80	3.1	2.9	30	15
GPPC2 2075A	200	75	60	20	80	105	45	80	3.1	2.9	30	15
GPPC2 24135	235	135	68	24	80	160	50	70	2.8	2.5	30	15
GPPC2 55175	265	175	86	55	80	130	50	65	3.5	3.5	30	15
GPPC2 55175A	300	175	100	65	80	130	50	65	3.5	3.5	30	15
GPPC2 55175AA	355	180	155	60	80	130	50	65	3.5	3.5	30	15

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