



**Features/Applications**

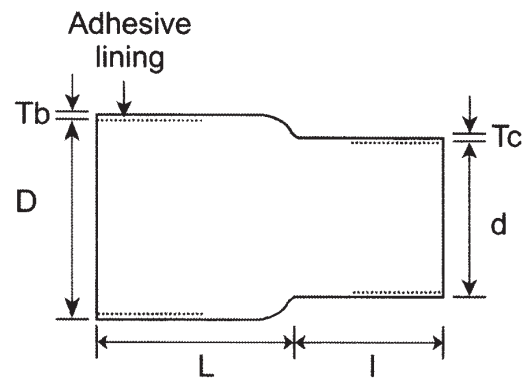
GREM SHAPES® GPSC is a hot melt lined pre-insulated sealing cap. GREM SHAPES® GPSC cap offers excellent insulation and mechanical protection and provides watertight sealing. GREM SHAPES® GPSC is suitable to seal and protect any pipeline, joints and other substrates with excellent resistance to moisture.

**Various**

Standard colour: Black

**Specifications**

Resistant to UV and Ozone



**Dimensions**

GREM SHAPES® GPSC	D		d		Rec. lengths		Wall thickness	
	as supplied (mm)	recovered (mm)	as supplied (mm)	recovered (mm)	L (mm)	l (mm)	Tb (mm)	Tc (mm)
6030	60	30	45	10	70	50	3.5	3.5
8524	85	24	42	24	60	40	4.0	4.0
10527	105	27	45	27	60	40	4.0	4.0
12532	125	32	65	32	60	40	4.0	4.0
14038	140	38	76	38	60	40	4.0	4.0
15045	156	45	95	45	60	40	4.2	4.2
17858	178	58	105	58	80	50	4.3	4.3

**Property**

Properties	Value	Standard
Tensile strength	18 N/mm <sup>2</sup> (Mpa) (min.)	ASTM D638
Ultimate elongation	350 % (min.)	ASTM D638
Water absorption	0,1 % (max.)	ASTM D570
Adhesive peel strenght	100 N/25mm (min.)	ASTM D2671
Accelerated ageing	(120°C for 500 hrs)	ASTM D2671
Tensile strength	11 N/mm <sup>2</sup> (Mpa) (min.)	ASTM D638
Ultimate elongation	300 % (min.)	ASTM D638
Heat shock (250°C for 30 min.)	no cracking or flowing	ESI09-11
Continous temperature limit	-40to +100°C	IEC 216
Dielectric strength	12kv/mm (min.)	ASTM D149
Volume resistivity	1 x 10 <sup>14</sup> Ohm cm (min.)	ASTM D257

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 35°C) and in closed containers.



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Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.