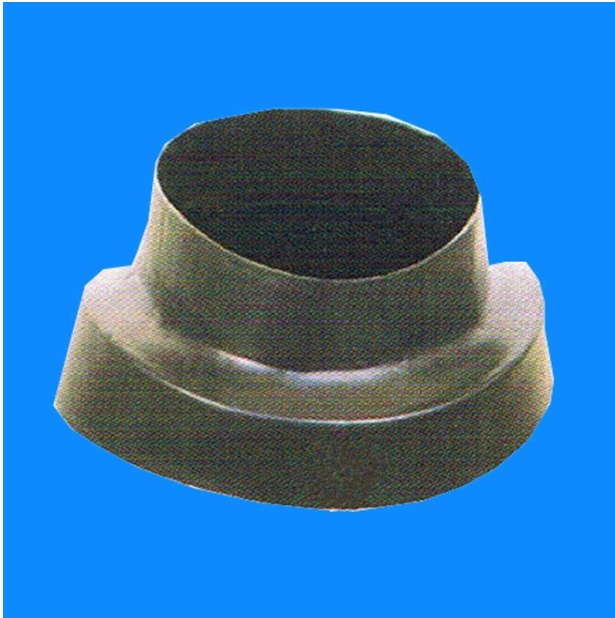




GFRSM Waterproof Heat Shrink End Cap



Description

GFRSM Waterproof heat shrink end cap is a radiation cross-linked polythene extruded with a layer of hot melt adhesive inside. It is a cap-like anti-corrosion material designed specially to seal heat preservation steel pipe against water or corrosive substances.

Features

- Excellent bonding capacity, compatible with different materials like steel, epoxy coating, 2PE, 3PE, 3PP, FBE, heat preservation jacket
- Long service life, excellent corrosion resistance, water tolerance and good water sealing capability
- Simple installation, quick shrinking and wrapping, convenient construction
- Standards : SY/T 0415-96



Technical Performance

Properties	Unit	Typical Data	Test Method
Test Method	MPa	20	GB/T 1040
Elongation at break	%	550	GB/T 1040
Vicat Softening Point	°C	97.6	GB/T 1633
Brittle Temperature	°C	< -65	GB/T 5740
Brittle Temperature	MV/m	36.9	GB/T 1408
Brittle Temperature	Ω·m	1.36×10 ¹³	GB/T 1410
ESCR (F50, 50°C)	h	≥1000	GB/T 1842
Chemical Corrosion Resistance (7days)	%		GB/T 23257-2009
10%HCl		100	
10%NaOH		97	
10%NaCl		98	
Heat aging (150°C, 21days)			GB/T 1040
Tensile Strength	MPa	19	
elongation at break	%	530	

Hot melt adhesive



Properties		Unit	Typical data	Test Method
Lap Shear Strength (25°C)		MPa	2.73	GB 7124
Lap Shear Strength (50°C)		MPa	0.5	GB 7124
Lap Shear Strength		°C	< -15	GB/T 23257-2009
Peel Strength (PE/Steel)	25°C	N/cm	100	GB/T2792
	50°C		30	
Peel Strength (PE/FBE)	25°C	N/cm	120	
	50°C		35	
Peel Strength (PE/PE)	25°C	N/cm	110	
	50°C		30	

Dimensions

Size(mm)	Smaller end Diameter (mm)	Max .Diameter (mm)	Application of heat pipe diameter (mm)
Φ86/166	86	166	76
Φ124/204	124	204	114
Φ168/249	168	249	159
Φ229/309	229	309	219
Φ335/416	335	416	325



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Φ387/467	387	467	377
Φ436/516	436	516	426
Φ539/619	539	619	529
Φ730/810	730	810	720