



DM-SSW Other Products

Heat Shrinkable Sleeve Wraparound

Applications

Heat shrinkable belt is designed specifically for buried or overhead steel tube joint anticorrosion material and design of heat shrinkable type anticorrosive repairing materials. It consists of radiation crosslinking hdpe base material and special sealed hot-melt adhesive coating compound and into. Suitable for 3 PE, FBE, PP for anticorrosion of pipe line joint repairing and anticorrosive bend area, also can be used in the yellow jacket insulation pipe joint repairing. Special seal hot melt adhesive and PE base material, steel surface and liquid epoxy coating can form good bonding.

Features

Heat shrinkable belt installation construction, under the effect of thermal heat shrinkable belt along the radial uniform shrinkage, hot melt glue line to melt at the same time, uniform coating filled in the pipe surface, and the original pipeline anticorrosion layer form a continuous and compact system, can resist the soil stress, hy-drostatic pressure resistance, cathodic disbonding resistance, chemical resistance and the erosion of the mold and other corrosion behavior.

Technical data

SPECIFICATIONS			
Property	Test Method	DM-SSW	
Operating Temperature		Up to 60°C	Up to 80°C
Backing			
Tensile Strength	ASTM D638	2,700 psi	3,000 psi
Elongation	ASTM D638	650%	650%
Hardness Shore	ASTM D2240	46	50
Dielectric Strength	ASTM D149	20kV/mm	20kV/mm
Volume Resistivity	ASTM D257	1x10 ¹⁰ Ω-cm	1x10 ¹⁰ Ω-cm
Water Absorption	ASTM D570	<0.05%(Wt)	<0.05(Wt)
Adhesive			
Softening Point	ASTM E28	95°C	120°C
Lap Shear	ASTM D1002	140PSI@23°C	245PSI@23°C
Lap Shear	DIN EN12068	100N/cm ² @23°C	170N/cm ² @23°C
Installed Product			
Peel Strength	DIN EN 12068	60N/cm @23°C	80N/cm @23°C
Impact Resistance	DIN EN 12068	>15 J	>15 J
Indentation Resistance	DIN EN 12068	pass	pass
Cathodic Disbandment	DIN EN 12068	<15mmrad.	<15mmrad.
RANGE:			
Standard manufacturing range covers the following sizes and dimensions:			
Dimension	Range		
Sleeve width	Up to 720mm		
Backing thickness (recovered)	1.0mm to 1.5mm		
Mastic thickness	0.5mm to 1.5mm		
Roll length	10M, 15M & 30M		

Disclaimer: The above information is for guidance only and is subject to change without notice. DEEM products to different customer specifications. Please contact us for guaranteed specifications to meet your individual requirements.