

**WRAPAROUND SHRINK SLEEVE
FOR JOINT COATING OF PIPELINES**

MASTIC WHSS 80 C PRODUCT DESCRIPTION

WHSS 80 C sleeves consist of a radiation cross-linked heat shrinkable backing, coated on the inside with a heat Activated adhesive. While the modified polyethylene material of the backing offers superior mechanical protection, the specially formulated adhesive offers excellent corrosion protection under demanding conditions. As 3 PE system, it is convenient for construction. The system is suitable for most of the common pipeline coatings like PE, PP, FBE etc.

SPECIFICATIONS

Property	Test Method	Typical Value
Application temperature		80°C
Operating Temperature		Up to 85°C
Backing		
Tensile Strength	ASTM D638	3000
Elongation	ASTM D638	600%
Hardness, ShoreD	ASTM D2240	50
Volume Resistivity	ASTM D257	1 x 10 ¹⁶ Ω-cm
Dielectric Strength	ASTM D149	20 kv/mm
Water Absorption	ASTM D570	< 0.05
Adhesive		
Softening Point	ASTM E 28	120°C
Lap Shear	EN 12068	130 N/cm ² @23°C
	ASTM D1002	245psi@23°C
Installed Sleeve		
Peel Strength	EN 12068	50N/cm @ 23°C
Impact Resistance	EN 12068	pass
Indentation Resistance	EN 12068	pass
Cathodic Disbondment (30days)	ASTM G42	8mm.rad.@23°C

DIMENSIONS

Dimension	Range
Width	Up to 800mm
Backing Thickness	1.0-1.5mm
Adhesive thickness	0.8-2.0mm
Length	10m, 15m & 30m