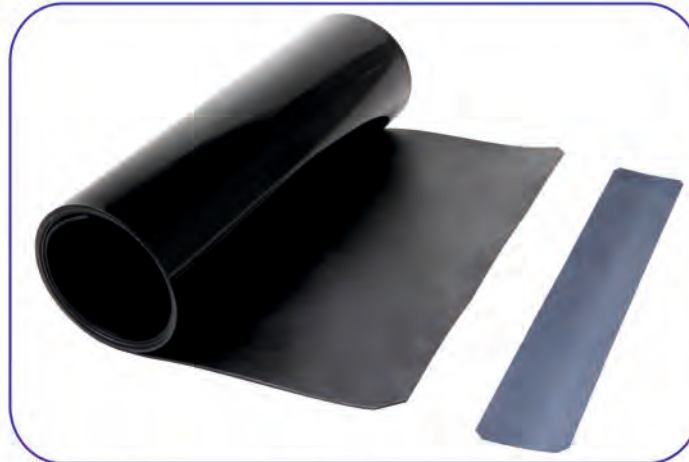




Heat Shrink Three Layer Corrosion Protection Sleeve is designed to protect the weld joint of buried or exposed steel pipelines and insulated pipeline. This sleeves are manufactured from high quality cross linked polyethylene material. Hot melt adhesive provides excellent adhesion with the surface of steel pipeline, PE coating. Meanwhile it forms a continuous and firm anti-corrosive system with the surface of the pipeline.

❖ Features / Benefits:

- Strong adaptive capacity to environment
- Good resistance to mechanical damage
- It has good resistance to liquid pressure and bacterium, mildew, cathode protection current of pipelines
- Other chemical corrosion caused by liquids and solvents
- Prevents the coat separation caused by UV light

Technical Specification

PROPERTIES	TYPICAL VALUE	STANDARD
Sleeve and Closure Patch		
Tensile Strength	22 N/mm ² (Mpa)	ASTM D638
Ultimate Elongation	550 %	ASTM D638
Impact Resistance	>15J	ASTM G14
Hardness	50 ±5 Shore D	ASTM D2240
Water absorption	0.5 %	ASTM D570
Corrosion Protection against		
Chemicals after 24 hrs.	Elongation	ASTM D2671
immersion in 10% HCL,	100 %	
10% NaOH, 10% NaCl	97%, 98%	
Abrasion Resistance	30 mg	ASTM D1044
Cathodic Disbondment	< 3 rad	ISO 21809-3
Thermal Ageing	(150°C for 504 hrs)	ASTM D2671
Tensile Strength	21 N/mm ² (Mpa)	ASTM D638
Ultimate Elongation	575 %	ASTM D638
Low Temperature Flexibility	No Cracking	ASTM D2671
(-15°C for 4 hrs.)		
Dielectric Strength	36 MV/m.	ASTM D149
Volume Resistivity	1 x 10 ¹³ Ohm.cm	ASTM D257
Hot Melt Adhesive		
Softening Point	95°C	ASTM E28
Peel Strength		ASTM D2671
PE/Steel (25°C/50°C)	100 N/cm / 30 N/cm	
PE/FBE(25°C/50°C)	120 N/cm / 35 N/cm	
PE/PE(25°C/50°C)	110 N/cm / 30 N/cm	

Selection Chart

Gala Code	Heat Shrink Sleeve		Closure Patch	
	Length	Width	Length	Width
GTWS Ø 159 x 500	620	500	100	500
GTWS Ø 219 x 500	830	500	100	500
GTWS Ø 273 x 500	1000	500	100	500
GTWS Ø 325 x 500	1200	500	120	500
GTWS Ø 377 x 500	1370	500	120	500
GTWS Ø 406 x 500	1500	500	150	500
GTWS Ø 426 x 500	1560	500	150	500
GTWS Ø 457 x 500	1660	500	150	500
GTWS Ø 508 x 500	1840	500	170	500
GTWS Ø 529 x 500	1900	500	170	500
GTWS Ø 610 x 500	2160	500	170	500
GTWS Ø 711 x 500	2480	500	170	500
GTWS Ø 720 x 500	2500	500	170	500
GTWS Ø 813 x 500	2800	500	170	500
GTWS Ø 1016 x 500	3430	500	200	500

All dimensions are in mm
Diameter in Selection Chart refers to OD of pipelines

