

IW710 Joint Wrap

Genuine Co-Extruded Innowrap Cold Applied Tape Coating System

Innowrap 710 joint wrap is 2 component co-extruded cold applied tape coating system consisting of polyethylene backing and butyl rubber adhesive, and it is formulated to work in conjunction with IW700 liquid adhesive.

IW710 is specially designed to be easily hand-wrapped on straight pipes, field joints, elbows, tees, valves, etc. due to its extra treatment on adhesive composition.

Moreover, the backing itself is designed to protect against severe impact conditions and ultraviolet (UV) radiation. This forms an absolute corrosion barrier for the complete Innowrap coating system.



Product User Guide

Max. Operating Temperature	85°C
Recommended Liquid Adhesive	IW700-23, IW700-30
Additional Mechanical Layer	IW740
Compatibility Coating Types	PE, FBE, CAT, CT, CTE, ETC.
Performance & Compliance	AWWA C209, DIN EN 12068 B-30, ETC.

PRODUCT PHYSICAL PROPERTIES

Coating Properties	Result		Test Method
	IW710-35	IW710-50	
Backing Material	Polyethylene	Polyethylene	-
Backing Color	Black	Black	-
Backing Thickness	9 mils(0.228 mm)	10 mils(0.254 mm)	-
Adhesive Material	Butyl Rubber	Butyl Rubber	-
Adhesive Thickness	26 mils(0.660 mm)	40 mils(1.016 mm)	ASTM D1000
Total Thickness	35 mils(0.889 mm)	50 mils(1.270 mm)	
Tensile Strength	25 lbf/in. width (4.46 kgf/cm width)	25 lbf/in. width (4.46 kgf/cm width)	ASTM D1000
Minimum Elongation	430 %	430 %	ASTM D1000
Dielectric Strength	1,100 V/mil (43 kV/mm)	1,100 V/mil (43 kV/mm)	ASTM D149
Insulation Resistance	2.11x10 ¹⁰ Megaohm	2.11x10 ¹⁰ Megaohm	ASTM D257
Water Vapor Transmission Rate	0.06 perms	0.06 perms	ASTM E96
Adhesion to Primed Steel	12.8 lbf/in. width (2.3 kgf/cm width)	18 lbf/in. width (3.2 kgf/cm width)	ASTM D1000
Cathodic Disbondment Resistance	7 mm	7 mm	ASTM G8 / EN 12068
Normal Service Range	-40°C ~ 85°C	-40°C ~ 85°C	-
Bacteria & Fungi Resistance	Excellent	Excellent	ASTM G21, 22
Shelf Life	3 Years	3 Years	-



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