

IW730 Inner Wrap Tape

Genuine Co-Extruded Innowrap Cold Applied Tape Coating System

Innowrap 730 inner wrap tape 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.

IW730 is designed for use on mainline wrapping either by hand or portable/heavy machine application. It is mainly used for corrosion prevention layer and it is used with IW740 outer wrap tape for assuring mechanical protection for inner wrap tape as well as external stresses. IW730 & IW740 forms a complete tape coating system comply with AWWA C209, DIN EN 12068, ISO 21809-3 and etc.



Product User Guide

Max. Operating Temperature	85°C
Recommended Liquid Adhesive	IW700-23, IW700-30
Additional Mechanical Layer	IW740
Compatibility Coating Types	PE, PP, FBE, CAT, CT, CTE, ETC.
Performance & Compliance	AWWA C214, DIN EN 12068, ISO 21809-3, ETC.

PRODUCT PHYSICAL PROPERTIES

Coating Properties	Result		Test Method
	IW730-20	IW730-25	
Backing Material	Polyethylene	Polyethylene	-
Backing Color	Black	Black	-
Backing Thickness	12 mils(0.304 mm)	16 mils(0.406 mm)	-
Adhesive Material	Butyl Rubber	Butyl Rubber	-
Adhesive Thickness	8 mils(0.203 mm)	9 mils(0.228 mm)	ASTM D1000
Total Thickness	20 mils(0.508 mm)	25 mils(0.635 mm)	
Tensile Strength	25 lbf/in. width (4.46 kgf/cm width)	33 lbf/in. width (5.90 kgf/cm width)	ASTM D1000
Minimum Elongation	400 %	700 %	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	15 lbf/in. width (2.67 kgf/cm width)	16 lbf/in. width (2.86 kgf/cm width)	ASTM D1000
Cathodic Disbondment Resistance	12.5 mm	12.5 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	-



Innochem Co., Ltd.
 199-17, Bangkkoji-gil, Seotan-myeon
 Pyeongtaek-si, Gyeonggi-do
 Korea 17704

T +82-31-611-7907
 F +82-31-611-7909
 E info@innochem.pro
 W www.innochem.pro

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 ISO 14001:2015
 ISO 45001:2018
 Registered Company

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