

## IW750/740EN C50 SYSTEM

### Genuine Co-Extruded Innowrap Cold Applied Tape Coating System

Innowrap 750/740EN C50 is Innochem's 3-ply cold-applied tape coating system. It is generally used for extremely corrosive environments where high mechanical protection is essentially required. Its 3-ply inner tape is composed of co-extruded butyl rubber adhesive on both sides, and a polyethylene backing is placed in the middle. This unique composition makes significant differences compared to conventional inner wrap tape results with outstanding bonding onto primed surface, overlapped tape layers (amalgamation), and outer wrap tape layers. This system is designed to prevent corrosion from severe conditions and it complies with DIN EN 12068 C-50 and ISO 21809-3 type 12-1 standards.



#### Product User Guide

Max. Operating Temperature	85°C
Recommended Liquid Adhesive	IW700-23, IW700-30
Compatibility Coating Types	PE, FBE, CAT, CT, CTE, ETC.
Performance & Compliance	DIN EN 12068 C-50, ISO 21809-3 type 12-1, ETC.

### PRODUCT PHYSICAL PROPERTIES

Coating Properties	Result		Test Method
	IW750-30EN 3-Ply Inner Wrap	IW740-20EN Outer Wrap	
Color	Black	White	-
Backing Material	Polyethylene	Polyethylene	-
Adhesive Material	Butyl Rubber Base	Butyl Rubber Base	-
Backing Thickness	12 mils (0.305 mm)	10 mils (0.254 mm)	-
Adhesive Thickness	18 mils (0.458 mm)	10 mils (0.254 mm)	-
Total Thickness	30 mils (0.763 mm)	20 mils (0.508 mm)	ASTM D1000
Tensile Strength	7.15 kgf/cm width	5.90 kgf/cm width	ASTM D1000
Minimum Elongation	> 600 %	> 600 %	ASTM D1000
Dielectric Strength	43 kV/mm		ASTM D149
Insulation Resistance	$2.11 \times 10^{10}$ Megaohm		ASTM D257
Water Vapor Transmission Rate	$3.45 \times 10^{-12}$ kg/Pa·s·m <sup>2</sup>		ASTM E96
Adhesion to Primed Steel / Layer	≥ 7.8 N/cm	≥ 2.5 N/cm	EN 12068
Impact Resistance	≥ 15 J		EN 12068
Cathodic Disbondment Resistance	≤ 5 mm		EN 12068
Normal Service Range	-40°C ~ 85°C		-
Bacteria & Fungi Resistance	Excellent		ASTM G21, 22
Shelf Life	3 Years		-



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 ISO 14001:2015  
 ISO 45001:2018  
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Innochem warrants that the product conforms to its chemical and physical description and its appropriate for the use stated on the technical data sheet when used in compliance with Innochem written instructions. Since many installation factors are beyond the control of Innochem, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection herewith. Innochem liability is stated in the standard terms and conditions of sale. Innochem makes no other warranty either expressed or implied. All information contained in this technical data sheet is to be used as a guide and is subject to change without notice. This technical data sheet supersedes all previous data sheets on this product.