

HANDY CAPS

Royston Handy Cap IP and Handy Cap XL IP provide quick, field applied corrosion protection to anode and test wire leads welded onto metal substrates. The Handy Cap IP and XL IP are made using a durable plastic sheet that has a dome filled with a moldable compound to assure complete encapsulation of the item being protected. The sheet is then capped with an adhesive layer for easy and permanent application.



DATASHEET 4.1

HANDY CAPS



SUBSTRATE COMPATIBILITY

Steel, Stainless Steel, Ductile Iron, Other Metals, FBE, Epoxy, PE, PP RECOMMENDED USE Sealing the welded connection of a anode or test wire to a metal substrate.

These products are ideal in limited access and key hole applications.

The Handy Cap IP and XL IP use Tapecoat's grey elastomeric adhesive with integrated primer. This exclusive formulation allows for faster application as there is no need to apply a separate primer when application temperatures are above 40°F. The Handy Cap XL IP has a similar construction as the IP, but it is designed for larger wires and welds areas. The Handy Cap IP and XL IP can be applied by hand or using the Royston Key Hole Tool.

DESCRIPTION

SURFACE PREPARATION SSPC SP-3 Power Tool Cleaning or SSPC SP-6/NACE No. 3 Commercial Blast Cleaning Royston Handy Cap IP and Handy Cap XL IP have an integrated primer to allow for quick, easy and permanent adhesion. When required by the job specification or when application temperatures are below 40°F, a 4 mil WFT of Tapecoat Omniprimer may be applied to the pipe surface to ensure the required bond.

OPTIONAL PRIMER

SAFETY Refer to Material Safety Data Sheet: MSDS-Handy Cap IP APPLICATION Refer to Application Guidelines: AG-HANDY-CAP



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Product data is provided below for both the standard IP and XLIP Handy Cap Models

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Property	Handy Cap IP		Handy Cap XL IP		Test Method
	4" x 4"	(101 mm x 101 mm)	5" x 5"	(127 mm x 127 mm)	
Overall Size	4" x 4"	(101 mm x 101 mm)	5" x 5"	(127 mm x 127 mm)	
Plastic Sheet Size	2.75" x 4"	(70 mm x 101 mm)	2.75" x 4"	(70 mm x 101 mm)	
Plastic Dome Height	0.8"	(20 mm)	1.5"	(38 mm)	
Plastic Dome Diameter	1.65"	(42 mm)	1.75"	(44 mm)	
Total Thickness	175 mils	(4.44 mm)	190 mils	(4.83 mm)	ASTM D1000
Sheet Thickness	10 mils	(0.25 mm)	10 mils	(0.25 mm)	ASTM D1000
Adhesive Thickness	165 mils	(4.19 mm)	180 mils	(4.57mm)	ASTM D1000
Adhesion to Steel	10 lb/in	(1.75 N/mm)	10 lb/in	(1.75 N/mm)	ASTM D1000
Service Temperature Range	20°F to +140°F	-29 to +60°C	20°F to +140°F	-29 to +60°C	
Product Pieces Per Case		Case Weight			
Handy Cap IP	20	5lbs (2.27kgs)			
Handy Cap XL IP	10	6lbs (2.73kgs)			