

CABLE CONNECTIONS
ROYSTON Handy Cap™ IP

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German Cathodic Protection



Passive corrosion protection for exothermic cable connections

Handy Cap™ IP is a prefabricated assembly designed to provide quick, field-applied corrosion protection to anode and test lead wire welds on metal pipes and tanks. This economical product is ideal for use with limited access applications.



New Handy Cap™ IP now adds the innovative technology of Tapecoat® Gray Adhesive to its unique design. The integration of a primer in Tapecoat® Gray makes field application of Handy Cap™ IP easier and more economical.

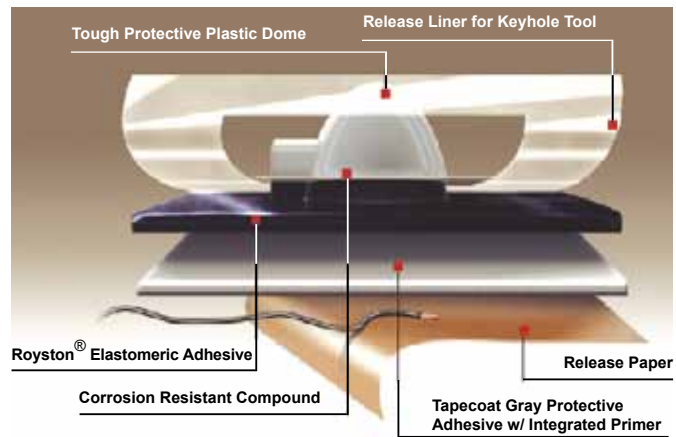
- No liquid primer needed
- Ideal for keyhole applications
- Dome and tunnel provide easy access
- Tapecoat gray adhesive eliminates liquid primer
- Elastomeric compound encases weld profile
- Serrations conform to small diameters

Application procedure

- Clean all mud, dirt, grease, oil and other contaminants from the metal surface and mill coating which is to be covered.

The Handy Cap™ IP incorporates an integrated primer in its Tapecoat® Gray Adhesive and does not require the use of a liquid primer prior to application.

- Remove the release paper from the bottom of the Handy Cap™ IP. Bend the plastic sheet inward at the serrations when applying to small diameter pipe. Position and place the Handy Cap™ IP on the welded area with the tunnel over the lead wire.
- Push the dome of the cap firmly into the weld area. Lift the lead wire away from the pipe and squeeze the adhesive compound completely around and underneath the wire. Push the lead wire back down on the pipe and press the elastomeric compound into firm contact with the pipe over the entire area.
- No further protection is required when the Handy Cap™ IP covers the entire exposed metal area. Uncovered areas should be protected with primerless Tapecoat® or Royston® tapes. Remove the narrow plastic release film to accommodate tool use for keyhole applications.



Easy Field-Applied Corrosion Protection

NO LIQUID PRIMER REQUIRED

Tapecoat® Gray Adhesive bonds the tough outer shell of the Handy Cap™ IP to the bare metal weld area and surrounding plant applied coating. Innovative Tapecoat® Gray incorporates an integrated primer in its adhesive and provides exceptional bonding without the costly application of liquid primer. A protective compound within the dome moulds itself over the irregular welded profile and encases the exothermic connection.

Typical Properties

Construction	Moulded plastic cap filled with corrosion resistant compound on a base of thick elastomeric tape
Dimensions	Overall : 5" x 5"
	Plastic sheet : 2.75" x 4"
	Sheet thickness : 10 mils
	Plastic dome : 1.75" dia., 1.5" height
	Tape thickness : 180 mils
Weight	approx. 4.8 oz
Application temperature	-29°C to +49°C (-20°F to +120°F)
Service temperature	-40°C to +66°C (-40°F to +150°F)
Shelf life	Rotate yearly