

CABLE CONNECTIONS

ROYSTON Handy Cap™ IP

Document No.: PSE-09-600-R622

Sheet: 1 of 1

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 pipe and tanks. This economical product is ideal for use in limited access applications.



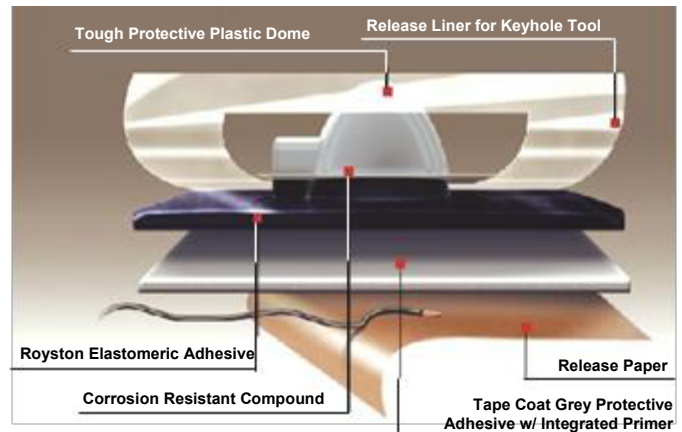
New Handy Cap IP now adds the innovative technology of Tape Coat Gray Adhesive to its unique design. The integration of a primer in Tape coat

Gray makes field application of Handy Cap IP easier and more economical.

- No liquid primer needed easy field-applied corrosion
- Protection ideal for keyhole applications
- Dome and tunnel provide easy access
- Tape coat 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 Tape Coat 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 primer less Tape coat or Royston tapes. Remove the narrow plastic release. film to accommodate tool use for keyhole applications.
- NO LIQUID PRIMER REQUIRED



Easy Field-Applied Corrosion Protection

Tape coat Gray Adhesive bonds the tough outer shell of the Handy Cap IP to the bare metal weld area and surrounding plant applied coating. Innovative Tape Coat 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 molds itself over the irregular welded profile and encases the exothermic connection.

Typical Properties

Construction	Molded 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

CABLE CONNECTIONS

Cable Potting Set for Pipeline Connections

Document No.: PSE-09-610-R622

Sheet: 1 of 1

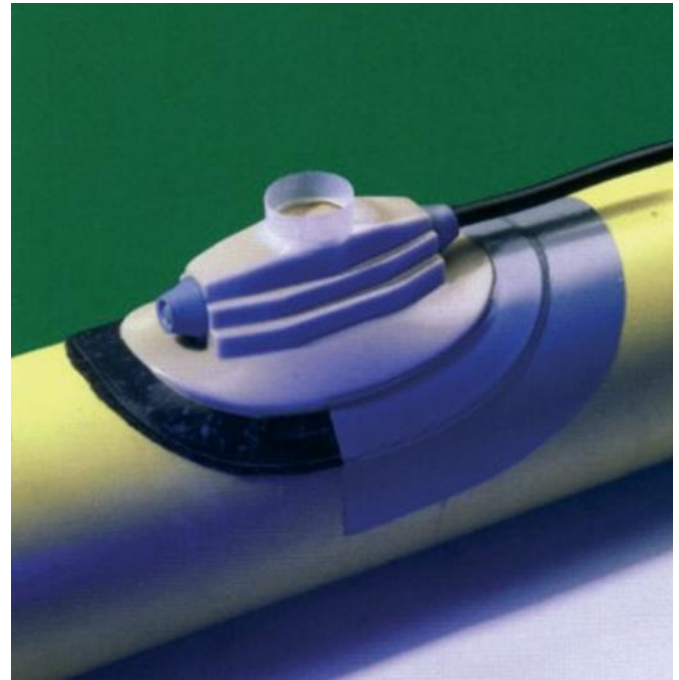
Cable Potting Set

With the cable potting set passive corrosion protection of cable connections is reliable and economical for cathodic corrosion protection on pipelines.

In terms of design and selection of materials the cable potting set housing allows use of pipelines with nominal diameters of 80 - 1600 mm.

Three different housing sizes cover the space requirement for one to four welding points (contacts) as well as all cable diameters from 9-17 mm.

The two components resin is easy to use and environmentally compatible, allowing the use of PE and bituminous pipeline coating.



The cable potting set includes:

- Housing with cap
- Potting material
- Emery cloth
- Disposable gloves
- Templates for removal of PE jacket
- Adhesive strips for resealing the cable sleeves, if required



Cable Potting Set

Type	Housing length	Item-no.
1	130 mm	GHS 10010
2	230 mm	GHS 10012
3	340 mm	GHS 10014