

Royston Handy Cap IP



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. Handy Cap IP 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.

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 molds itself over the irregular welded profile and encases the exothermic connection.

Features:

- No Liquid Primer Needed
- Easy Field-Applied Corrosion Protection 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 Information:

1. 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.
2. 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.
3. 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.
4. 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.

Typical Properties

Construction -Molded plastic dome filled with corrosion resistant compound on a base of thick elastomeric tape.

- Dimensions: Overall: 4" x 4" (102 mm x102 mm)
- Plastic Sheet: 2.75" x 4" serrated (70 mm x 102 mm)
- Sheet Thickness: 10 mils (0.25 mm)
- Plastic Dome: 1.625" diameter/0.8" height (41 mm/ 20 mm)
- Adhesive Thickness: 165 mils (4.2 mm)
- Weight: 2.8 oz (80 grams)
- Application Temperature: -20°F to 120°F (-29°C to 49°C)
- Service Temperature: -40°F to 150°F (-40°C to 66°C)
- Shelf Life: Rotate yearly

