

Royston Handy Cap™

Corrosion Protection For Exothermic Grounding Connections

What Is Royston Handy Cap?

The Royston Handy Cap is a prefabricated assembly specifically designed for Cathodic Protection leads to pipes and tanks. When pressed by hand into position over the anode lead wire weld, it forms a thick, highly resistant electrical insulation seal over the weld, the end of the lead wire and the surrounding area of the pipe or tank.

Features

- 1.) A top plastic sheet formed with an igloo shaped dome and entry tunnel for the lead wire.
- 2.) A special elastomeric compound in the plastic dome, which is firm enough to resist flow at all normally encountered application and operation temperatures, but soft enough to mold itself around and completely cover the irregular welded profile.
- 3.) On either side of the dome are a double row of parallel, flexibilizing serrations to assist with conforming around small diameter pipe.
- 4.) A base of Royston Tac-Coat, a black unbacked elastomeric tape with exceptional adhesive properties, for bonding firmly to the metal surface, when used with Royston Roybond 747.



Usage

The Royston Handy Cap is easily applied and economical. They may be used on all anode lead wire and test wire weld areas. Royston Handy Cap is especially useful for welds on mill coated pipe where only a small part of the coating has been removed to permit installation of the thermite grounding connections.

They are ideal for use in limited access situations, because they can be manipulated easily and applied at arm's length.

TYPICAL PROPERTIES

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

Dimension:	
Overall-	4" x 4"
Plastic Sheet-	2-3/4" x 4" (serrated)
Sheet Thickness-	10 mils
Plastic Dome-	1-5/8" diameter/ 0.8" height
Tape Thickness-	125 mils
Weight:	2.1 ± 0.4 oz
Application Temperature:	-20°F to 120°F
Service Temperature:	-40°F to 185°F
Shelf Life:	At least one year

