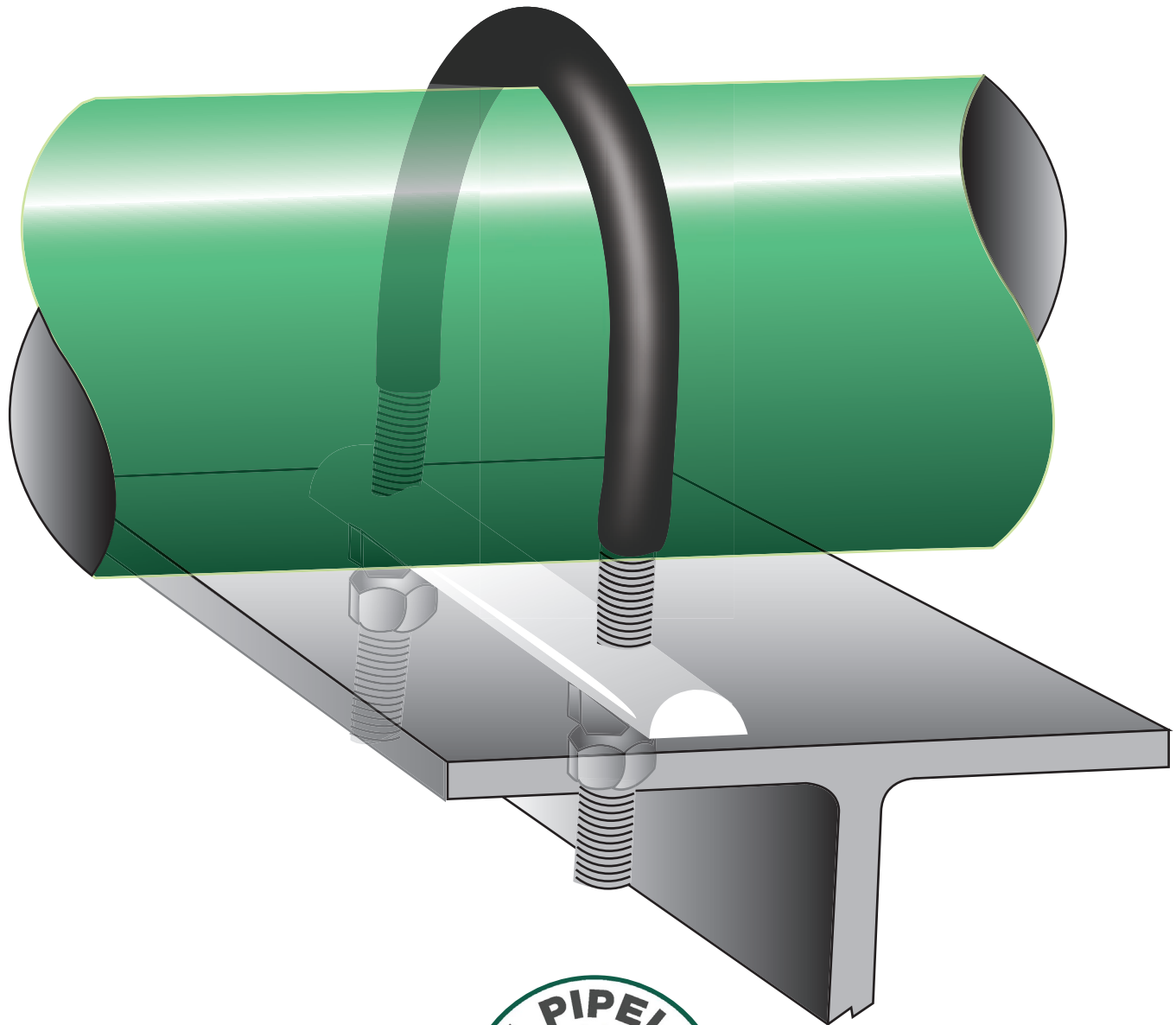


# ARMORCOTE

## POLYOLEFIN COATED U-BOLTS



# CCI PIPELINE SYSTEMS

PIPE PROTECTION PRODUCTS

The ArmorCote™ u-bolt coating has evolved from decades of proven technology. The cross-linked polyolefin material provides a coating with extremely high compressive strength and tremendous abrasion resistance.

ArmorCote™ has a low coefficient of friction that allows for pipe movement without damage to the pipe coating. ArmorCote™ is a unique thermoplastic that is UV stabilized to maintain the integrity of the product even under prolonged exposure to direct sunlight.

Unlike minimum millage dipped coatings or hand wrapped rubber applications, ArmorCote™ resists tearing and will not unravel over time.

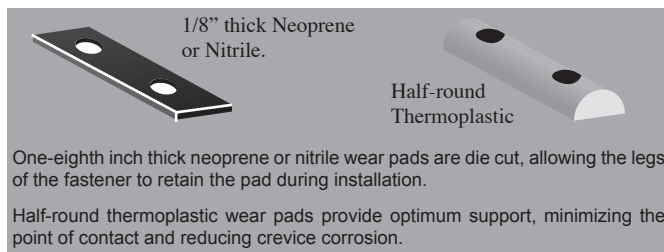
In 1984, we introduced this seamless cross-linked polyolefin technology on pipe hanger applications in the off-shore construction market. We're still here, but more importantly, so are our coatings.



## PROPERTIES

| PHYSICAL                                | VALUE                        | TEST METHOD | CHEMICAL                                 | VALUE             | TEST METHOD              |
|---|------------------------------|-------------|--|-------------------|--------------------------|
| Tensile Strength                        | 1500 PSI Min.                | ASTM D412   | <b>Water Absorbtion</b>                  | 0.20%             | ASTM D570                |
| Elongation                              | 300% Min.                    | ASTM D412   | <b>Corrosive Effect</b><br>(16 Hrs./175) | Pass              | ASTM D2671<br>Copper Rod |
| Heat Aging<br>(168 Hrs./121° C)         |                              |             | <b>Fluid Resistance</b><br>(24 Hrs./25)  |                   |                          |
| Tensile Strength                        | 150 PSI Min.                 | ASTM D2671  | <b>Hydraulic Fluid</b><br>(MIL-H-5606C)  |                   |                          |
| Elongation                              | 300% Min.                    | ASTM D2671  | Tensile                                  | 90% Retained Min. | ASTM D412                |
| Heat Shock                              | No Cracks, Flow, or Blisters | ASTM D2671  | Elongation                               | 90% Retained Min. | ASTM D412                |
| Low Temp. Flexibility<br>(4 Hrs./55° C) | No Cracking                  | ASTM D2671  | <b>Lubrication Oil</b><br>(MIL-L-7808G)  |                   |                          |
| Specific Gravity                        | 0.96                         | ASTM D792   | Tensile                                  | 90% Retained Min. | ASTM D412                |
| Tempurature Limitation                  | 200° F                       |             | Elongation                               | 90% Retained Min. | ASTM D412                |
|   |                              |             | <b>Diesel Fuel</b><br>(MIL-L-23699)      |                   |                          |
|   |                              |             | Tensile                                  | 90% Retained Min. | ASTM D412                |
|   |                              |             | Elongation                               | 90% Retained Min. | ASTM D412                |

## PIPE SUPPORT PADS



- Stock items include hot dipped galvanized, Grinnell 137 long tangent u-bolts, each supplied with 4-heavy hex nuts and a neoprene die cut wear pad.
- Stainless steel, electro-plated glavanized, Teflon or Xylan coated are also available.
- ArmorCote™ can also be applied to customer supplied u-bolts or specialty fasteners.

## CCI PIPELINE SYSTEMS, LLC

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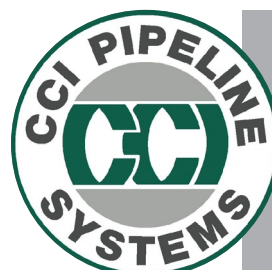
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Representative