



POLYKEN® # 980-SSJ-X

Wraparound Cold Applied Pipe Sleeve for Field Girthweld Corrosion Protection Concrete Coated Offshore for Pipelines

Polyken® Pipeline Coatings

System Description

Polyken 980-SSJ-X, sub-sea joint is a cold applied tape coating system designed for the corrosion protection of girthwelds on weight coated offshore pipelines. 980-SSJ-X is a primary coating system incorporating polyethylene backing coated with a butyl rubber based adhesive. 980-SSJ-X coating is suitable for polyurethane infill and hot marine mastic infill. The special butyl rubber based adhesives allows application of the tape without primer.

Simple installation

980-SSJ-X is cigarette wrapped around the steel girth weld joint area with hand tension. The 980-SSJ-X collar wraps are applied at each end overlapping the main line coating and the 980-SSJ-X central wrap. Alternatively, 980 can be applied spirally around the pipe with minimum 25mm overlap on the tape itself, if required.

Resists adverse environments

980-SSJ-X tape coating system resists abrasion, impact, hydrostatic pressure. Also the coating demonstrates high resistance to ultraviolet light, fungus, cathodic disbondment and chemical attack by common fluids and solvents.

Compatibility

980-SSJ-X tape coating system is compatible with Coal Tar Enamel, Asphalt Enamel, Fusion Bond epoxy and Polyethylene pipe coatings.

Product properties

Polyken 980-SSJ-X

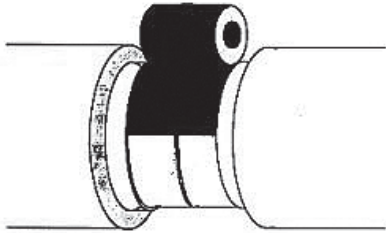
| Backing | Test | Typical Value |
|------------------------------|----------------|------------------------------|
| Tensile strength (Backing) | ASTM D638 | 210 Kg/cm ² |
| Elongation (Backing) | ASTM D638 | 580% |
| Moisture vapor transmission | ASTM E-96 | <0.7 g/24 hrs/m ² |
| Dielectric breakdown | ASTM D-149 | 33 kV |
| Sleeve | | |
| Adhesion Peel Strength | ASTM D 1000 | 3 kg/cm |
| Impact resistance @25°C | DIN 30672 | 40 Kg-cm |
| Cathodic disbondment @ 60°C | ASTM G-42 | < 30 mm * |
| Heat Shock @220°C | Drum skin test | Pass |

* under infill

| DIMENSIONS | NOMINAL THICKNESS | | ROLL SIZE |
|--------------|-------------------------|---------|---|
| 980-SSJ-X-65 | Total Product Thickness | 65 mils | Roll Length : 60 meters Roll widths : 100,450 (or to order) |
| | Backing Thickness | 30 mils | |
| | Adhesive Thickness | 35 mils | |

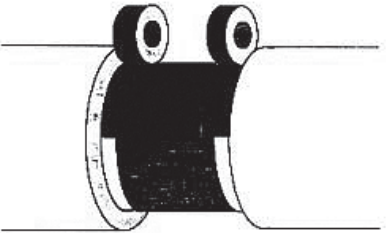
INSTALLATION PROCEDURE

STEP I



Position Polyken 450mm wide 980-SSJ-X Anti-Corrosion Tape centrally on the cleaned pipe surface and between the anti corrosion main line coating at 12 o'clock location. Wrap the tape with a cigarette configuration in a clockwise direction to 1 o'clock position.

STEP II



Position Polyken 100 mm wide 980-SSJ-X Anti Corrosion Tape as above on either end and wrap the coating with minimum 2" overlap to the main line coating and 980-SSJ-X wrap on the steel body.

STEP III

After the coating is complete, place the steel former and pour hot marine mastic or high density polyurethane In-Fill.

Berry Plastics warrants that the product conforms to its chemical and physical description and is appropriate for the use stated on the technical data sheet when used in compliance with Berry Plastics written instructions. Since many installation factors are beyond the control of Berry Plastics, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection herewith. Berry Plastics liability is stated in the standard terms and conditions of sale. Berry Plastics makes no other warranty either expressed or implied. All information contained in this technical data sheet is to be used as a guide and is subject to change without notice. This technical data sheet supersedes all previous data sheets on this product.



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