

GUARDIAN Butylwrap 1080-20/1055-20 is a dual tape corrosion protective coating consisting of Butylwrap Primer P27 and two layers of 2-Ply PE/Butyl Tape. It is utilized for the coating of linepipe, field joints, risers, pipeline fitting and appurtenances.

GUARDIAN Butylwrap 1080-20/1055-20 is manufactured in accordance with AWWA Standard C214.

OTHER APPLICATIONS

Guardian Butylwrap 1080/1055 is a multilayer system used for the protection of steel pipelines, Liquid Adhesives can be used as primers for this system. The inner layer of Butylwrap 1080 is engineered to assure a high bond to the primed surface with excellent conformability characteristics. The mechanical protection layer (out layer) of Butylwrap 1055, provide additional mechanical and electrical resistance.

ADVANTAGES

It can be save time without preheating, super bonding to PE, PP, FBE and AE. Moreover, It is a long shelf-life, impermeableness to water oxygen and resistant to cathodic disbondment offers the optimum barrier long term protection against corrosion.

APPLICATIONS

| | |
|--------------------------------------|------------------------------------|
| Compatible Line Coating | PE, PP, FBE, PU, Coal tar, Bitumen |
| Soil Stress Retriktion | None |
| Max Operating Temperture | 85°C |
| Environment Temperature Range | -20C to 80C |

PROPERTIES

| Property Backing | Test Method | Value |
|--|-------------|-------------------------------|
| Tensile Strength | ASTM D 638 | 18MPa |
| Elongation | ASTM D 638 | 550% |
| System properties | | |
| Peel strength to primed steel | ASTM D 1000 | 37N/cm Cohesive failure |
| Dielectric strength | ASTM D 149 | 25kV |
| Impact resistance | ASTM G-14 | 6.0Nm |
| Penetration resistance | ASTM G 17 | < 15% |
| Cathodic disbandment Resistance | ASTM G 8 | 5.5mm |
| Volume resistivity | ASTM E 257 | 1.1.7×10 ¹⁷ ohm•cm |
| Water Absorption | ASTM D 570 | < 0.04% |

PRODUCT (BUTYLWRAP 1080-20)

Color: Black

| Part No. | Weight | Length |
|-----------------|--------|--------|
| FGCS0053 | 50 mm | 30 m |
| FGCS0054 | 100 mm | 30 m |
| FGCS0055 | 150 mm | 30 m |

PRODUCT (BUTYLWRAP 1055-20)

Color: White

| Part No. | Weight | Length |
|-----------------|--------|--------|
| FGCS0059 | 50 mm | 30 m |
| FGCS0060 | 100 mm | 30 m |
| FGCS0061 | 150 mm | 30 m |

All statements and data presented herein are given in good faith and believed to be appropriate and reliable. It is given without express or implied warrant or guarantee. Potential users of Guardian's materials are urged to conduct confirmatory trials to satisfy themselves as to the suitability of the selected product for their particular end use prior to purchase.