

GUARDIAN Butylwrap 1080-25/1055-25 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 1080-25/1055-25 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 superior cathodic disbandment offers the optimum barrier long term protection against corrosion.

APPLICATIONS

Compatible line coatings	PE, PP, FBE, PU, Coal tar, Bitumen
Soil Stress retraction	None
Max Operating Temperature	85°C

PROPERTIES

Property Backing	Test Method	Value
Tensile Strength	ASTM D 638	18MPa
Elongation	ASTM D 638	400%
System properties		
Peel strength to primed steel	ASTM D 1000	37N/cm Cohesive failure
Dielectric strength	ASTM D 149	25kV/mm
Impact resistance	ASTM G-14	6.0Nm
Penetration resistance	ASTM G 17	< 15%
Cathodic disbandment Resistance	ASTM G 8	5.5mm raduis
Volume resistivity	ASTM E 257	1.1.7×1017 ohm·cm
Water Absorption	ASTM D 570	< 0.04%

PRODUCTS

Product Construction	1080-25 Inner	1055-25 Outer
Backing PE	10 Mils (0.254mm)	20 Mils (0.508mm)
Adhesive	15 Mils (0.381mm)	5 Mils (0.127mm)
Backing Color	Black	White

PRODUCTS (BUTYLWRAP 1080-25) Color: Black

Part No.	Weight	Length
FG005307	50 mm	30 m
FG004090	100 mm	30 m
FG004092	150 mm	30 m

PRODUCTS (BUTYLWRAP 1055-25) Color: White

Part No.	Weight	Length
FG005308	50 mm	30 m
FG004089	100 mm	30 m
FG004091	150 mm	30 m

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