

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 Retriction	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
FG001258	50 mm	30 m
FG001259	100 mm	30 m
FG001260	150 mm	30 m
FG001269	150mm	305m
FG001270	250 mm	305 m
FG001271	300 mm	305 m

PRODUCT (BUTYLWRAP 1055-20)

Color: White

Part No.	Weight	Length
FG001261	50 mm	30 m
FG001262	100 mm	30 m
FG001263	150 mm	30 m
FG001272	150mm	305m
FG001273	250 mm	305 m
FG001274	300 mm	305 m

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