

**GUARDIAN Butylwrap 1032-40** is a cold applied tape coating system designed for anti corrosion of field joint, fittings, and specialty piping. The adhesive is a key in-ground performance characteristic coupled with high density polyethylene backing. The versatile tape system can be applied by hand or with a wrapping machine.

## APPEARANCES

Guardian Butylwrap 1032-40 is a heavy duty adhesive, high tack adhesive, good conformability and consistent uniform thickness, conformable to irregular shapes and worldwide reference lists. Also, it can be applied over a wide temperature range, resistant to UV, easily applied with no special equipment and comply with AWWA standard C209, C214 and ASTM D 1000 Standard cold applied.

## ADVANTAGES

It ensures a strong bond and impervious seal. It is very fast and easy for installation and establish in ground history. Additional, it offers a solution for nearly every application. It is versatile and reliable in which is a high performance corrosion protection.

## PROPERTIES

Physical Properties	Test Method	Typical Value	
		English	Metric
Total thickness	ASTM D 1000	40.00 mil	1.00 mm
Backing thickness	ASTM D 1000	15.00 mil	0.38 mm
Adhesive thickness	ASTM D 1000	25.00 mil	0.62 mm
Width	-	2" - 6"	50 - 150 mm
Length	-	100'	30 m
Backing colour	-	Black, Yellow, Gray or others	
Tensile strenght	ASTM D 1000	55 N/cm	
Elongation	ASTM D 1000	450%	
Peel Adhesion to primed steel pipe	ASTM D 1000	30 N/cm	
Cathodic Disbandment	ASTM G8	0.25 in radius 6.4 mm	
Dielectric Strength	ASTM D 149	42 kV	
Volume Resistivity	ASTM D 257	1.25x10 <sup>12</sup> ohm.cm	
Water Absorptivity	ASTM D 570	0.10%	
Water Vapor Transmission	ASTM D 1249	0.01g/100sq in/24h	0.1g/100sq mm/24hRate (24h)
Application Temperature		14°F-140°F	-10°C - 60°C
Max Service Temperature		-40°F-176°F	-40°C - 80°C

## PRODUCTS

### (BUTYLWRAP 1032-40) Color: Black

Part No.	Weight	Length
FG005301	50 mm	15 m
FG005302	100 mm	15 m
FG005303	150 mm	15 m

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