

Scapa 300R

General Utility Tape

DESCRIPTION

Renwrap 300 is a black low density polyethylene film, calendered with a rubber adhesive. The product is available in 10, 12 and 20 mil thicknesses.

APPLICATIONS

- General pipeline utility tape for use on small diameter pipe joints, tees and ells

PRODUCT BENEFITS

- Exhibits good adhesion to plastic and F.B.E. pre-coated pipe.
- Can be applied over a wide range of temperatures.
- Single 20 mil wrap can take the place of a double wrap of 10 or 12 mil material.
- Can either be applied by hand or by machine to achieve uniform, consistent tension, particularly at welded joints.

TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Adhesion (to primed steel) 10 mil	1.7	kg/cm (width)	ASTM D 1000
Adhesion (to primed steel) 10 mil	9.4	lbs. / inch (width)	ASTM D 1000
Adhesion (to primed steel) 12 mil	1.8	kg/cm (width)	ASTM D 1000
Adhesion (to primed steel) 12 mil	10	lbs. / inch (width)	ASTM D 1000
Adhesion (to primed steel) 20 mil	2.2	kg/cm (width)	ASTM D 1000

Adhesion (to primed steel) 20 mil	12.5	lbs. / inch (width)	ASTM D 1000
Adhesive Thickness (Rubber) 10 mil	0.076 (3)	Mm (mils)	-
Adhesive Thickness (Rubber) 12 mil	0.102 (4)	Mm (mils)	-
Adhesive Thickness (Rubber) 20 mil	0.127 (5)	Mm (mils)	-
Backing Thickness (PE) 10 mil	0.178 (7)	Mm (mils)	-
Backing Thickness (PE) 12 mil	0.203 (8)	Mm (mils)	-
Backing Thickness (PE) 20 mil	0.381 (15)	Mm (mils)	-
Dielectric Strength 10 mil	11KV	kg/cm (width)	ASTM D 1000
Dielectric Strength 10 mil	11KV	lbs. / inch (width)	ASTM D1000
Dielectric Strength 12 mil	13KV	kg/cm (width)	ASTM D 1000
Dielectric Strength 12 mil	13KV	lbs. / inch (width)	ASTM D 1000
Dielectric Strength 20 mil	20 KV	kg/cm (width)	ASTM D 1000
Dielectric Strength 20 mil	20KV	lbs. / Inch	ASTM D 1000
Elongation 20 mil	175%	kg/cm (width)	ASTM D 1000
Elongation 20 mil	175%	Mm (mils)	ASTM D 1000
Elongation 10 mil	150%	kg/cm (width)	ASTM D 1000
Elongation 10 mil	150 %	lbs. / inch (width)	ASTM D 1000
Elongation 12 mil	150%	kg/cm (width)	ASTM D1000
Elongation 12 mil	150%	lbs. / inch (width)	ASTM D 1000
Insulation Resistance	1,000,000	Megohms	ASTM D 257
Temperature Range: In-Service (Operating)	-34 to 71 (-30 to 160)	°C to °C (°F to °F)	ASTME 398
Temperature Range: Application (Ambient)	-34 to 71 (- 30 to 160)	°C to °C (°F to °F)	ASTME 398
Tensile Strength 10 mil	4.46	kg/cm (width)	ASTM D 1000
Tensile Strength 10 mil	25	lbs. / inch (width)	ASTM D 1000
Tensile Strength 12 mil	4.46	kg/cm (width)	ASTM D 1000
Tensile Strength 12 mil	25	lbs. / inch (width)	ASTM D 1000
Tensile Strength 20 mil	5.36	kg/cm (width)	ASTM D 1000
Tensile Strength 20 mil	30	lbs. / inch (width)	ASTM D 1000

Total Thickness 10 mil	0.254 (10)	Mm (mils)	-
Total Thickness 12 mil	0305 (12)	Mm (mils)	-
Total Thickness 20 mil	0.508 (20)	Mm (mils)	-
Water Vapour Transmission Rate	0.2g/100	g in ² /24 Hr.	ASTME 398

STANDARD PRESENTATIONS

RECOMMENDATIONS

*Values are listed averages and should not be used as maximums or minimums. For the establishment of purchasing specifications, please contact the Pipeline Division.