

## 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 <sup>2</sup> /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.