



## **RS-405 Red Rubber Sheeting**

**Abrasion resistant, engineered for the mining industry**

### Applications

- Cyclones
- Separators
- Classifiers
- Vessels & Chutes
- Pipe Linings
- Skirting

### Benefits

- Resistant to abrasion
- High resilience
- Reduces corrosion
- Vibration & noise absorbing

### Roll Sizes

Metric	Imperial
1.2m x 10m	4' x 33'
1.4m x 10m	4.6' x 33'
1.5m x 10m	4.92' x 33'
Custom sizes available	

### Available Thickness

Metric	Imperial
1-50mm	1/32" - 2"

### TECHNICAL SPECIFICATION

PROPERTIES	TEST METHOD	VALUES	TEST METHOD	VALUES
		FPS UNITS		METRIC UNITS
SPECIFIC GRAVITY	ASTM D297	0.98lb/ft <sup>3</sup>	DIN 53508	1.02 g/cm <sup>3</sup>
HARDNESS	ASTM D2240	40 ± 5 Sh A	DIN 53505	40 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	2100 PSI	DIN 53504	150 kg/cm <sup>2</sup>
ELONGATION AT BREAK (min)	ASTM D412	600%	DIN 53504	600%
ABRASION RESISTANCE (max)	ASTM D5963	120 mm <sup>3</sup>	DIN 53516	120 mm <sup>3</sup>
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	30%	DIN 53517	30%
TEAR RESISTANCE (Angular) min	ASTM D624	196 lbs/inch	DIN 53515	35 kg/cm
RESILIENCE		75%		75%
<b>CHANGE IN PROPERTIES</b>				
HEAT AGING (72 hrs at 70°C)	ASTM D573			
- HARDNESS (Pts)		+5 (max)		+5 (max)
- TENSILE STRENGTH (%)		+10 /-25		+10 /-25
- ELONGATION AT BREAK (%)		+10 /-25		+10 /-25
VOLUME SWELL: AT 70°C FOR 72 HRS/IN	ASTM D471			
ASTM OIL NO.1		NOT RECOMMENDED		NOT RECOMMENDED
ASTM OIL NO.2		NOT RECOMMENDED		NOT RECOMMENDED
ASTM OIL NO.3		NOT RECOMMENDED		NOT RECOMMENDED
<b>CHEMICAL RESISTANCE</b>				
- OZONE	ASTM D1149	FAIR		FAIR
- DILUTE ACIDS AND BASES		GOOD		GOOD
- CONCENTRATED ACIDS AND BASES		FAIR		FAIR
- OILS		NOT RECOMMENDED		NOT RECOMMENDED
- SOLVENTS		NOT RECOMMENDED		NOT RECOMMENDED
TEMPERATURE RANGE		-40° to +80° C		-35° to +70° C
COLOUR		PINK		PINK

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