

RS-E400 Pre Cured Black Natural Rubber is an economical alternative to RS-400 and is made from a natural rubber polymer. It combines the properties of good heat resistance, and very good resistance to corrosive acids and alkalis, whilst still retaining abrasion resistance. A natural polymer and abrasion resistant rubber makes it suitable for many applications. Supplied with a special CN Bonding layer which does not require buffing prior to bonding.

SPECIFICATIONS

PHYSICAL PROPERTIES	VALUES
Durometer	40 +/- 5 (Shore A)
Tensile (min) kg / cm ³	2175 psi (153 kg/cm ²)
Elongation (%)	600%
Abrasion resistance	110mm ³
Service Temperature	-13°F-194°F (-25°C-90°C)
Specific Gravity	1.1

RESISTANCE TO

MATERIAL	VALUE
Abrasion, Sliding	Good
Abrasion, Impingement	Good
Acid (Diluted)	Good
Acid (Concentrated)	Fair
Salt Solutions	Good
Animal & Vegetable Oils	Poor
Oil & Gasoline	Poor

ATMOSPHERIC AGING

MATERIAL	VALUE
Low Temperature Flexibility	Good
Moisture Resistance	Good
Compression Set	Good
Permeability	Good

APPLICATIONS	BENEFITS
<ul style="list-style-type: none"> Classifiers Vessels Chutes Pipe Linings Skirting 	<ul style="list-style-type: none"> Abrasion Resistant High resilience Reduces corrosion Vibration & noise absorbing

ADHESIVE SYSTEM

COAT	ADHESIVE
1st Coat (Primer)	Chemlok 205
2nd Coat Metal	RS-2000
3rd Coat Metal	RS-2000
4th Coat Rubber	RS-2000

STANDARD ROLL SIZE

GAUGE	WIDTH	LENGTH	AREA
3mm - 25mm	1.21m	9.14m	11.14m ²
1/8" - 1"	48"	30'	120ft ²

APPLICATION NOTES:

1. Use application procedure for guidance.
2. Observe adhesive drying time specifications.
3. Storage: Store in cool and dry area.
4. For best adhesion rubber to rubber use Rubber Primer before RS-2000.
5. Contact your account representative for more information.

Disclaimer: The above guidelines are based on general industry practices and not applicable to all installations. Application methods should comply with RubberSource application instructions. The data values use is an approximate value and may vary based on individual application methodology and local atmospheric conditions.