RS-CR55

RS-CR55 Pre Cured Black Neoprene® is a soft manageable material based on CR (Polychloroprene, also known as Neoprene) synthetic rubber, giving it excellent suitability for applications requiring resistance to chemicals such as acids, alkalies and certain organic fluids. It also has good heat resistance, with a continuous operating temperature of up to 90°C. Better flame resistance, weather ability, and ozone resistance experienced with diene rubbers. The swelling resistance of the RS-CR55 to mineral, vegetable, and animal oils is also better than the non-polar diene based rubbers. It has good resistance to paraffinic and naphthenic oils of high molecular weight.

SPECIFICATIONS

PHYSICAL PROPERTIES	VALUES
Durometer	55 +/-5 (Shore A)
Tensile (min)	856 psi (5.9MPa)
Elongation (%)	350%
Temperature Range	-31°F-194°F (-35°C-90°C)

RESISTANCE TO

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

ATMOSPHERIC AGING

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

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

GUAGE	WIDTH	LENGTH	AREA
3mm - 50mm	1.21m	9.14m	11.14m²
1/8" - 2"	48"	30'	120ft²

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.

APPLICATIONS

- Classifiers
- Vessels
- Equipment
- Anywhere Hydrocarbons exist

BENEFITS

- Abrasion Resistant
- High resilience
- Reduces corrosion