RubberSource

RS-B55

RS-B55 Pre Cured Black Bromobutyl made from bromobutyl polymer. It combines the properties of good heat resistance, and very good resistance to corrosive acids and alkalies, while still retaining a moderate abrasion resistance. It has excellent resistance to ozone and outdoor weathering effects, and suitable for use with a range of chemicals including oxygenated solvents and hydraulic fluid. Suitable for most applications where high acid, chemical or temperature resistance is required. A rubber polymer blend with up to 70% bromobutyl and abrasion resistant rubber makes it suitable for many applications. Also shows low permeability to compressed gases. Available with a bonding layer.

SPECIFICATIONS

PHYSICAL PROPERTIES	VALUES
Durometer (Shore A)	60 +/-5
Tensile	1280 PSI (90 kg/cm^2)
Elongation	350%
Tear	165 lbs/inch (29.46 kg/cm)
Abrasion Resistance	80 mm^3
Temperature Range	-40°F to 260°F (-40°C to 127°C)
Specific Gravity	1.20

RESISTANCE TO

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

ATMOSPHERIC AGING

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

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	11.14m^2
1/8" - 2"	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. Contact your account representative for more information.

APPLICATIONS	BENEFITS
• Classifiers	• Abrasion Resistant
• Vessels	• High resilience
• Equipment	• Reduces corrosion

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