

RF48 SBR

black | density 1.35 | hardness 65

03/07/2014

SBR SHEETING: STANDARD LEVEL QUALITY

FEATURES

Standard SBR for general purpose use.

ADVANTAGES

- ▶ Flexible
- ▶ Good ageing resistance
- ▶ Good low temperature resistance
- ▶ Good ratio quality/price

BENEFITS

- ▶ Reliability
- ▶ Economy

APPLICATIONS

Gaskets or washers cutting and manufacturing of pieces for general purpose applications in contact with:

- ▶ water (maximum temperature + 70 °C)
- ▶ oil free compressed air

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MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
MECHANICAL				
<i>Rubber compound</i>			SBR	
<i>Density</i>			1.35 ± 0.05	g/cm ³
<i>Hardness</i>		ASTM D2240	65 ± 5	Shore A
<i>Tensile strength</i>		ISO 37	≥ 4	MPa
<i>Elongation at break</i>		ISO 37	≥ 200	%
<i>Tear resistance</i>		ISO 34-1	≥ 15	N/mm
<i>Compression set after 22 h at 70 °C</i>		ISO 815-1	≤ 30	%
TEMPERATURE				
<i>Working temperature</i>			- 25/+ 70	°C
CHEMICAL RESISTANCE				
<i>Diluted acids and bases</i>	<i>Concentrated acids and bases</i>	<i>Ozone</i>	<i>Oils and hydrocarbons</i>	
Very good	Good	Good	Non suitable	

DIMENSIONS

Thickness (mm)		Width (mm)		Length (m)		Weight (kg/m ²)	Pattern	Option (ply)
1	± 0.3	1400	± 2 %	20	± 2 %	1.35	2 smooth sides	
1.5	± 0.3	1400	± 2 %	15	± 2 %	2.03	2 smooth sides	
2	± 0.3	1400	± 2 %	15	± 2 %	2.70	2 smooth sides	1P
3	± 0.3	1400	± 2 %	10	± 2 %	4.05	2 smooth sides	1P 2P
4	± 0.4	1400	± 2 %	10	± 2 %	5.40	2 smooth sides	1P 2P
5	± 0.4	1400	± 2 %	10	± 2 %	6.75	2 smooth sides	1P 2P
6	± 0.5	1400	± 2 %	10	± 2 %	8.10	2 smooth sides	1P 2P
8	± 0.7	1400	± 2 %	5	± 2 %	10.80	2 smooth sides	2P
10	± 1.0	1400	± 2 %	5	± 2 %	13.50	2 smooth sides	2P

IDENTIFICATION

<i>Branding</i>	Without.
<i>Packaging</i>	Thickness ≤ 6 mm rolled on cardboard tube Ø 80 mm. Thickness > 6 mm in roll.
<i>Wrapping</i>	Black polyethylene film.
<i>Labelling</i>	Self-adhesive label indicating product name, dimensions, area in m ² , nominal weight, and product code to allow product traceability.