



# RF48 SBR

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## SBR SHEETING STANDARD LEVEL QUALITY

### FEATURES

Standard SBR for general purpose use.

### APPLICATIONS

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

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

### ADVANTAGES

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

### BENEFITS

- Reliability
- Economy

### MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

| Measured characteristics           |                                                                                                                                      | Standard | Value                 |         |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|---------|
| MECHANICAL                         |                                                                                                                                      |          |                       |         |
| Rubber compound - black            |                                                                                                                                      |          | SBR                   | l       |
| Density                            |                                                                                                                                      |          | 1.35 ±0.05            | g/cm³   |
| Hardness                           | ASTM D2240                                                                                                                           |          | 65 ±5                 | Shore A |
| Tensile strength                   | ISO 37                                                                                                                               |          | ≥4                    | MPa     |
| Elongation at break                | ISO 37                                                                                                                               |          | ≥200                  | %       |
| Tear resistance                    | ISO 34-1                                                                                                                             |          | ≥15                   | N/mm    |
| Compression set after 22h at 70 °C | ISO 815-1                                                                                                                            |          | ≤30                   | %       |
| TEMPERATURE                        |                                                                                                                                      |          |                       |         |
| Working temperature                |                                                                                                                                      |          | -25/+70               | °C      |
| CHEMICAL RESISTANCE                |                                                                                                                                      |          |                       |         |
| Diluted acids and bases            | Concentrated acids and bases                                                                                                         | Ozone    | Oils and hydrocarbons |         |
| Very good                          | Good                                                                                                                                 | Good     | Non suitable          |         |
| IDENTIFICATION                     |                                                                                                                                      |          |                       |         |
| Branding                           | Without.                                                                                                                             |          |                       |         |
| Packaging                          | Thickness ≤6mm rolled on cardboard tube Ø 80mm.<br>Thickness >6mm in roll.                                                           |          |                       |         |
| Wrapping                           | Black polyethylene film.                                                                                                             |          |                       |         |
| Labelling                          | Self-adhesive label indicating product name, dimensions, area in m2, nominal weight, and product code to allow product traceability. |          |                       |         |

Unless typographical error, information and figures of our technical datasheet are based on our experience and laboratory tests according to international standards. This data is intended to be used as a guideline only. Material performance depends on the conditions of use and the final application.

| SBR             | SBR SHEETING | RF48        |  |                |                 |
|-----------------|--------------|-------------|-----------------------------------------------------------------------------------|----------------|-----------------|
| THICKNESS<br>mm | WIDTH<br>mm  | LENGTH<br>m | WEIGHT<br>kg/m <sup>2</sup>                                                       | SIDES FINISH   | OPTION<br>(ply) |
| 1±0.2           | 1400±2%      | 20±2%       | 1.35                                                                              | 2 SMOOTH SIDES |                 |
| 1.5±0.25        | 1400±2%      | 15±2%       | 2.02                                                                              | 2 SMOOTH SIDES |                 |
| 2±0.3           | 1400±2%      | 15±2%       | 2.7                                                                               | 2 SMOOTH SIDES | 1P              |
| 2±0.3           | 1400±2%      | 15±2%       | 2.92                                                                              | 2 SMOOTH SIDES |                 |
| 3±0.3           | 1400±2%      | 10±2%       | 4.05                                                                              | 2 SMOOTH SIDES | 2P              |
| 3±0.3           | 1400±2%      | 10±2%       | 4.05                                                                              | 2 SMOOTH SIDES |                 |
| 3±0.3           | 1400±2%      | 10±2%       | 4.05                                                                              | 2 SMOOTH SIDES | 1P              |
| 4±0.4           | 1400±2%      | 10±2%       | 5.4                                                                               | 2 SMOOTH SIDES |                 |
| 4±0.4           | 1400±2%      | 10±2%       | 5.4                                                                               | 2 SMOOTH SIDES | 1P              |
| 4±0.4           | 1400±2%      | 10±2%       | 5.4                                                                               | 2 SMOOTH SIDES | 2P              |
| 5±0.4           | 1400±2%      | 10±2%       | 6.75                                                                              | 2 SMOOTH SIDES | 1P              |
| 5±0.4           | 1400±2%      | 10±2%       | 6.75                                                                              | 2 SMOOTH SIDES | 2P              |
| 5±0.4           | 1400±2%      | 10±2%       | 6.75                                                                              | 2 SMOOTH SIDES |                 |
| 6±0.5           | 1400±2%      | 10±2%       | 8.1                                                                               | 2 SMOOTH SIDES |                 |
| 6±0.5           | 1400±2%      | 10±2%       | 8.1                                                                               | 2 SMOOTH SIDES | 2P              |
| 6±0.5           | 1400±2%      | 10±2%       | 8.1                                                                               | 2 SMOOTH SIDES | 1P              |
| 8±0.7           | 1400±2%      | 5±2%        | 10.8                                                                              | 2 SMOOTH SIDES | 2P              |
| 8±0.7           | 1400±2%      | 5±2%        | 10.8                                                                              | 2 SMOOTH SIDES |                 |
| 10±1.0          | 1400±2%      | 5±2%        | 13.5                                                                              | 2 SMOOTH SIDES |                 |
| 10±1.0          | 1400±2%      | 5±2%        | 13.5                                                                              | 2 SMOOTH SIDES | 2P              |



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