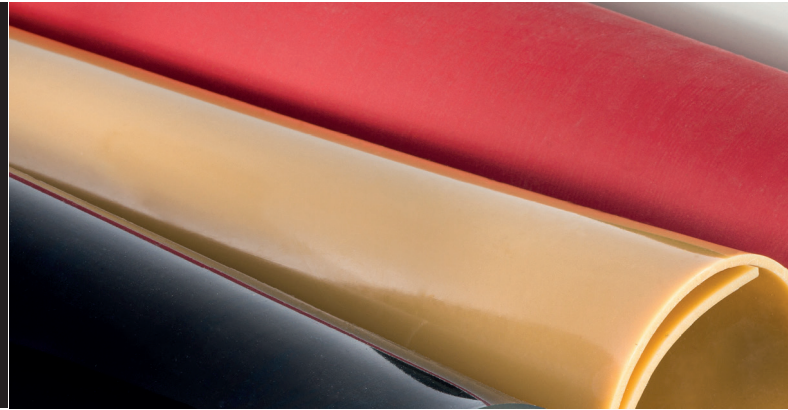


# S R499

## TECHNICAL SHEETING

BLOND NR 43

HIGH PERFORMANCE NR SHEETING



### MECHANICAL & PHYSICAL PROPERTIES

#### MECHANICAL

Rubber Compound	NR
Rubber Color	Blond
Density	1.00 g/cm <sup>3</sup> ±0.05
Hardness (ISO 48-4)	43±5 Shore A
Tensile strength (ISO 37)	≥25 MPa
Elongation at break (ISO 37)	≥650 %
Tear resistance (ISO 34-1)	≥30 N/mm
Abrasion resistance (ISO 4649)	5N ≤70mm <sup>3</sup>
Compression set (ISO 815-1)	24h @ 70 °C : ≤30%

#### TEMPERATURE

Working temperature	-40/+85 °C
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#### AGEING

Δ Hardness (ISO 188)	70h @ 70 °C : ≤5 Shore A
Δ Tensile strength (ISO 188)	70h @ 70 °C : ≤-15%
Δ Elongation at break (ISO 188)	70h @ 70 °C : ≤-20%

### CHEMICAL RESISTANCE

Diluted acids and bases	Very good
Concentrated acids and bases	Good
Ozone	Medium
Oils and hydrocarbons	Non suitable

### FEATURES

- Natural rubber, para quality, translucent, with excellent mechanical properties.

### ADVANTAGES

- Good properties to support high mechanical strains
- Great elasticity allowing important deformations
- Resistance to fine grained particles wear projection (sand, blasting)
- Good electrical properties
- Good resistance to acids, bases and salts
- Good ratio quality/price

### APPLICATIONS

- Gaskets or washers cutting and manufacturing of pieces for industrial purpose applications in contact with:
  - maximum temperature 50 °C: water, water washing, alkaline and salt solutions, acids and oxidizing non oxidizing, alkali base concentration ≤50%, non food alcohol
  - maximum temperature 20 °C: acetones
- Cutting into skirtboard and scrappers for conveyors belts, rubber sleeves, etc.
- Mineral processing equipment linings, such as operating cyclones, hydrocyclones and sand treatment processes.

### MAINTENANCE RECOMMENDATION

- Always follow manufacturer warnings and instructions when using any cleaning product.

**Asbestos  
FREE**

**Halogen  
FREE**

**RoHS  
compliant**

**REACH  
compliant**

**DIMENSIONS**

Article number	Stock Situation	Thickness (mm)	Width (mm)	Length (mm)	Weight	Side 1 finish	Side 2 finish	Type of insertion	Number Of Insertions	Inner car-board tube Ø mm
0039055	STD STOCK	1	1400 ±2%	20000 ±2%	1.000	Smooth	Smooth	-	0	80 mm
0039056	STD STOCK	1,5	1400 ±2%	15000 ±2%	1.500	Smooth	Smooth	-	0	80 mm
0039057	STD STOCK	2	1400 ±2%	15000 ±2%	2.000	Smooth	Smooth	-	0	80 mm
0039058	STD STOCK	3	1400 ±2%	10000 ±2%	3.000	Smooth	Smooth	-	0	80 mm
0039059	STD STOCK	4	1400 ±2%	10000 ±2%	4.000	Smooth	Smooth	-	0	80 mm
0039065	STD STOCK	5	1400 ±2%	10000 ±2%	5.000	Smooth	Smooth	-	0	80 mm
0039066	STD STOCK	6	1400 ±2%	10000 ±2%	6.000	Smooth	Smooth	-	0	80 mm
0039067	STD STOCK	8	1400 ±2%	10000 ±2%	8.000	Smooth	Smooth	-	0	80 mm
0039068	STD STOCK	10	1400 ±2%	10000 ±2%	10.000	Smooth	Smooth	-	0	80 mm

**IDENTIFICATION**

<i>Labelling</i>	Self-adhesive label indicating product name, dimensions, area in m <sup>2</sup> , nominal weight, and product code to allow product traceability. (94/62/EC - LDPE4)
<i>Wrapping</i>	Black polyethylene film. (94/62/EC - LDPE4)
<i>Packaging</i>	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.

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.