

S B572

FOOD & DRINK SHEETING

BLUE NBR 65

FOOD QUALITY NITRILE SHEETING



MECHANICAL & PHYSICAL PROPERTIES

MECHANICAL

Rubber Compound	NBR
Rubber Color	Blue
Density	1,44 g/cm ³ ±0.05
Hardness (ISO 48-4)	65±5 Shore A
Tensile strength (ISO 37)	≥10 MPa
Elongation at break (ISO 37)	≥500 %
Tear resistance (ISO 34-1)	≥20 N/mm
Compression set (ISO 815-1)	22h @ 70 °C : ≤35%

TEMPERATURE

Working temperature	-35/+110 °C
---------------------	-------------

AGEING

Δ Hardness (ISO 188)	70h @ 70 °C : ≤5 Shore A
Δ Tensile strength (ISO 188)	70h @ 70 °C : ≤-10%
Δ Elongation at break (ISO 188)	70h @ 70 °C : ≤-20%

OIL RESISTANCE

IRM 901 Oil, Δ volume (ISO 1817)	70h @ 70 °C : ≤5%
Vegetal Oil, Δ volume (ISO 1817)	70h @ 100 °C : ≤10%

CHEMICAL RESISTANCE

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

FEATURES

- Food grade blue NBR, meeting regulation (EC) 1935/2004 (European legislation) and FDA classification (American legislation).

REGULATIONS

- Meeting european regulations (EC) n.1935/2004 and 2023/2006.
- The material is in compliance with FDA 21 CFR Part. 177. Indirect Food Additives: Polymers.
- Sec 177.2600. Rubber articles intended for repeated use for contact with aqueous food and with fatty food.
- IANESCO certificate (Institut français de Poitiers).
- Quality certificate available under request.

ADVANTAGES

- Very good oil, animal and vegetable fats resistance
- Good low temperature resistance
- Good high temperature resistance
- Good ratio quality/price

APPLICATIONS

- Gaskets or washers cutting and manufacturing of pieces for general industrial purpose applications in contact with fatty food products, especially vegetable fats.

MAINTENANCE RECOMMENDATION

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

**Asbestos
FREE**

**ADI
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
SSB57200F02001	STD NOT STOCK	2	1400 ±2%	15000 ±2%	2,88	Smooth	Smooth	-	0	80 mm
SSB57200F03001	STD STOCK	3	1400 ±2%	10000 ±2%	4,32	Smooth	Smooth	-	0	80 mm
SSB57200F04001	STD NOT STOCK	4	1400 ±2%	10000 ±2%	5,76	Smooth	Smooth	-	0	80 mm
SSB57200F05001	STD NOT STOCK	5	1400 ±2%	10000 ±2%	7,2	Smooth	Smooth	-	0	

IDENTIFICATION

Labelling

Self-adhesive label indicating product name, dimensions, area in m², nominal weight, and product code to allow product traceability. (94/62/EC - LDPE4)

Wrapping

White polyethylene film.(94/62/EC - LDPE4)

Packaging

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.