

# S EF51

## STANDARD SHEETING

BLACK EPDM 65

STANDARD LEVEL QUALITY EPDM SHEETING



### MECHANICAL & PHYSICAL PROPERTIES

#### MECHANICAL

Rubber Compound	EPDM
Rubber Color	Black
Density	1.30 g/cm <sup>3</sup> ±0.05
Hardness (ISO 48-4)	65±5 Shore A
Tensile strength (ISO 37)	≥5 MPa
Elongation at break (ISO 37)	≥200 %
Tear resistance (ISO 34-1)	≥20 N/mm
Compression set (ISO 815-1)	22h @ 70 °C : ≤40%
Compression set 2 (ISO 815-1)	22h @ 100 °C : ≤60%

#### TEMPERATURE

Working temperature	-25/+120 °C
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#### AGEING

Δ Tensile strength (ISO 188)	70h @ 70 °C : ≤ -30%
Δ Elongation at break (ISO 188)	70h @ 70 °C : ≤ -50%
Ozone resistance (ASTM D1149, method B, proc. B1)	200pphm, 48h, 40 °C, 20%: No crack

### CHEMICAL RESISTANCE

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

### FEATURES

- Standard EPDM.

### ADVANTAGES

- Very good resistance to ozone
- Good ageing resistance
- Good temperature resistance
- Good ratio quality/price

### APPLICATIONS

- Gaskets or washers cutting and manufacturing of pieces for general industrial purpose applications in contact with water, oxidizing and non oxidizing diluted acids.

**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
0039567	STD STOCK	1	1400 ±2%	20000 ±2%	1,30	Matt	Smooth	-	0	80 mm
0039568	STD STOCK	1,5	1400 ±2%	15000 ±2%	1,95	Matt	Smooth	-	0	80 mm
0039569	STD STOCK	2	1400 ±2%	15000 ±2%	2,60	Matt	Smooth	-	0	80 mm
0039570	STD STOCK	3	1400 ±2%	10000 ±2%	3,90	Matt	Smooth	-	0	80 mm
0039571	STD STOCK	4	1400 ±2%	10000 ±2%	5,20	Matt	Smooth	-	0	80 mm
0039572	STD STOCK	5	1400 ±2%	10000 ±2%	6,50	Smooth	Smooth	-	0	
0039573	STD STOCK	6	1400 ±2%	10000 ±2%	7,80	Smooth	Smooth	-	0	
0039574	STD STOCK	8	1400 ±2%	5000 ±2%	10,40	Smooth	Smooth	-	0	
0039575	STD STOCK	10	1400 ±2%	5000 ±2%	13,00	Smooth	Smooth	-	0	
5012518	STD STOCK	12	1400 ±2%	5000 ±2%	15,60	Smooth	Smooth	-	0	
5012519	STD STOCK	15	1400 ±2%	5000 ±2%	19,50	Smooth	Smooth	-	0	
5012520	STD NOT STOCK	20	1400 ±2%	5000 ±2%	26.000	Smooth	Smooth	-	0	

**IDENTIFICATION**

*Labelling*

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)

*Wrapping*

Black 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.*