

S E569

FOOD & DRINK SHEETING

WHITE EPDM 60

WHITE FOOD QUALITY EPDM SHEETING



MECHANICAL & PHYSICAL PROPERTIES

MECHANICAL

Rubber Compound	EPDM
Rubber Color	White
Density	1.20 g/cm ³ ±0.05
Hardness (ISO 48-4)	60±5 Shore A
Tensile strength (ISO 37)	≥8 MPa
Elongation at break (ISO 37)	≥350 %
Tear resistance (ISO 34-1)	≥18 N/mm
Compression set (ISO 815-1)	22h @ 70 °C : ≤40%

TEMPERATURE

Working temperature	-40/+115 °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 : ≤ -40%
Ozone resistance (ASTM D1149 type A)	200pphm, 48h, 38 °C, 20%: No crack

CHEMICAL RESISTANCE

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

FEATURES

- EPDM, white, food grade, 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.
- IANESCO certificate (Institut français de Poitiers).
- Quality certificate available under request.

ADVANTAGES

- Very good resistance to ozone and ageing
- Excellent temperature resistance (-40/+115 °C)
- Good ratio quality/price
- Matte finish to guarantee a good surface finished quality and to secure an easy unrolling.

APPLICATIONS

- Gaskets or washers cutting and manufacturing of pieces for general industrial purpose applications in contact with: foodstuffs, water (maximum temperature +100 °C), oxidizing and non oxidizing diluted acids
- Non suitable for contact with oil or 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 cardboard tube Ø mm
SME56900F01006	STD NOT STOCK	1	1400 ±2%	20000 ±2%	1,25	Matt	Matt	-	0	80 mm
SME56900F02007	STD STOCK	2	1400 ±2%	15000 ±2%	2.530	Matt	Matt	-	0	80 mm
SME56900F03003	STD STOCK	3	1400 ±2%	10000 ±2%	3.790	Matt	Matt	-	0	80 mm
SME56900F04004	STD STOCK	4	1400 ±2%	10000 ±2%	5.060	Matt	Matt	-	0	80 mm
SME56900F05003	STD STOCK	5	1400 ±2%	10000 ±2%	6.320	Matt	Matt	-	0	
SME56900F06003	STD STOCK	6	1400 ±2%	10000 ±2%	7,5	Matt	Smooth	-	0	
SME56900F08001	STD NOT STOCK	8	1400 ±2%	5000 ±2%	10	Matt	Smooth	-	0	
SME56900F10002	STD NOT STOCK	10	1400 ±2%	5000 ±2%	12,5	Matt	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.