



EF51 EPDM



EPDM SHEETING STANDARD LEVEL QUALITY

FEATURES

Standard EPDM.

APPLICATIONS

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

ADVANTAGES

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

BENEFITS

- Service life
- Economy

MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
MECHANICAL				
Rubber compound - black			EPDM	I
	Density		1.30 ±0.05	g/cm³
	Hardness	ASTM D2240	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 after 22h at 70 °C	ISO 815-1	≤40	%
	Compression set after 22h at 100 °C	ISO 815-1	≤60	%

TEMPERATURE

Working temperature		-25/+120	°C
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AGEING

Δ Hardness after 70h at 70 °C	ASTM D573	≤-30	Shore A
Δ Elongation at break after 70h at 70 °C	ASTM D573	≤-50	%
Ozone resistance, 200pphm, 48h, 40 °C, 20%	ISO 1431-1 method A	No crack	

CHEMICAL RESISTANCE

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

IDENTIFICATION

Branding	Without.
Packaging	Thickness ≤6mm rolled on cardboard tube Ø 80mm. 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.

EPDM		EPDM SHEETING		EF51	
THICKNESS mm	WIDTH mm	LENGTH m	WEIGHT kg/m ²	SIDES FINISH	
1±0.2	1400±2 %	20±2 %	1.3	2 SMOOTH SIDES	
1.5±0.25	1400±2 %	15±2 %	1.95	2 SMOOTH SIDES	
2±0.3	1400±2 %	15±2 %	2.6	2 SMOOTH SIDES	
3±0.3	1400±2 %	10±2 %	3.9	2 SMOOTH SIDES	
4±0.4	1400±2 %	10±2 %	5.2	2 SMOOTH SIDES	
5±0.4	1400±2 %	10±2 %	6.5	2 SMOOTH SIDES	
6±0.5	1400±2 %	10±2 %	7.8	2 SMOOTH SIDES	
8±0.7	1400±2 %	5±2 %	10.4	2 SMOOTH SIDES	
10±1.0	1400±2 %	5±2 %	13	2 SMOOTH SIDES	
12±1.0	1400±2 %	5±2 %	15.6	2 SMOOTH SIDES	
15±1.0	1400±2 %	5±2 %	19.5	2 SMOOTH SIDES	
20±1.4	1400±2 %	5±2 %	26	2 SMOOTH SIDES	

