

# E250 EPDM

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## EPDM 25 SHEETING: FOR TECHNICAL APPLICATIONS

### FEATURES

25 Shore A EPDM.

### ADVANTAGES

- Very soft EPDM
- Very good performance with hot water or high pressure steam
- Highly resistant to mineral acids, detergents, phosphoric ethers, ketones, alcohols, or low molecular weight glycols
- Matte finish to guarantee a good surface finished quality and to secure an easy unrolling

### BENEFITS


- Service life
- Performance
- Safety

### APPLICATIONS

Suitable for sealing rough surfaces, applications where high contact pressure or damping properties are required.

[www.trelleborg.com/elastomerlaminates](http://www.trelleborg.com/elastomerlaminates)

## MECHANICAL, PHYSICAL AND CHEMICAL PROPERTIES

Measured characteristics		Standard	Value	
<b>MECHANICAL</b>				
<i>Rubber compound - black</i>			EPDM 	
<i>Density</i>			1.03 ±0.05	g/cm <sup>3</sup>
<i>Hardness</i>		ASTM D2240	25 ±5	Shore A
<i>Tensile strength</i>		ISO 37	≥3	MPa
<i>Elongation at break</i>		ISO 37	≥400	%
<i>Tear resistance</i>		ISO 34-1 (A)	≥4	N/mm
<i>Compression set after 24h at 70°C</i>		ISO 815-1	≤30	%
<b>TEMPERATURE</b>				
<i>Working temperature</i>			-40/+110	°C
<b>AGEING</b>				
<i>Δ Hardness after 72h at 70°C</i>		ASTM D573	≤5	Shore A
<i>Δ Tensile strength after 72h at 70°C</i>		ASTM D573	≤-35	%
<i>Δ Elongation at break after 72h at 70°C</i>		ASTM D573	≤-30	%
<i>Ozone resistance, 50 pphm, 72h, 38°C, 20%</i>		ASTM D1149 type A	No crack	
<b>ELECTRICAL PROPERTIES</b>				
<i>Volume resistivity</i>		ISO 14309	Ω·m	3 · 10 <sup>12</sup>
<b>CHEMICAL RESISTANCE</b>				
<i>Diluted acids and bases</i>	<i>Concentrated acids and bases</i>	<i>Ozone</i>	<i>Oils and hydrocarbons</i>	
<b>Very good</b>	<b>Good</b>	<b>Very good</b>	<b>Non suitable</b>	

## DIMENSIONS

Thickness (mm)		Width (mm)		Length (m)		Weight (kg/m <sup>2</sup> )	Sides finish
1	±0.2	1200	±2%	20	±2%	1.03	2 sides matt
1.5	±0.25	1200	±2%	15	±2%	1.55	2 sides matt
2	±0.3	1200	±2%	15	±2%	2.05	2 sides matt
3	±0.3	1200	±2%	10	±2%	3.10	2 sides matt
4	±0.4	1200	±2%	10	±2%	4.10	2 sides matt
5	±0.4	1200	±2%	10	±2%	5.15	2 sides matt
6	±0.5	1200	±2%	10	±2%	6.20	1 side smooth/1 side matt
8	±0.7	1200	±2%	5	±2%	8.25	1 side smooth/1 side matt
10	±1.0	1200	±2%	5	±2%	10.30	1 side smooth/1 side matt
15	±1.0	1200	±2%	5	±2%	15.50	1 side smooth/1 side matt

## IDENTIFICATION

<i>Branding</i>	Without.
<i>Packaging</i>	Thickness ≤6mm rolled on cardboard tube Ø 80mm. Thickness >6mm in roll.
<i>Wrapping</i>	Black polyethylene film.
<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.



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