

EPDM is suitable for outdoor applications and has good resistance to water, sun and weather conditions

ISO	EPDM Terpolymre of ethylene, propylene and a diene (unsaturated diene in side chain)
Shape	Rolls
Color	Black
Temperature Range	-40 and 120 °C
Density	1220 kg/m ³
Hardness	70 Shore A (± 5)
Elongation at break	200 %
Tensile strength	9 N/mm ²

Material information

Particularly good ozone, aging and weather resistance. Suitable for water, air, acids and bases. Ideal in for use for indoor and outdoor swimming pools.

Usage examples

Profile rubber, seals for air conditioning systems, automotive industry (various automotive approvals such as VW 2.8.1 G70) and chemistry. EPDM has been tested for ozone resistance for 48 hours under 40 degrees with 200 pp hm. The result has been a crack level of 0.

Measurement tolerance 7715-P3

Petrol	Oil	UV	Water	Wear resistance	Acids	Base
Not suitable	Not suitable	Good	Excellent	Low	Good	Excellent

Item Overview

Item Code	Item Name	Width (mm)	Length (mm)
11100005	EPDM 0,5 mm	1.400	20.000
11100010	EPDM 1 mm	1.400	20.000
11100015	EPDM 1,5 mm	1.400	20.000
11100020	EPDM 2 mm	1.400	20.000
11100030	EPDM 3 mm	1.400	10.000
11100040	EPDM 4 mm	1.400	10.000
11100050	EPDM 5 mm	1.400	10.000
11100060	EPDM 6 mm	1.400	10.000
11100080	EPDM 8 mm	1.400	10.000
11100100	EPDM 10 mm	1.400	5.000
11100120	EPDM 12 mm	1.400	5.000
11100150	EPDM 15 mm	1.400	5.000
11100200	EPDM 20 mm	1.400	5.000
11100300	EPDM 30 mm		



Compression set

[tbl_compressieset_explainer](#)

Testing Regulation	Duration	Temperature	Difference
ISO 815	22 hour(s)	100 °C	25 %

Veroudering

[tbl_ageing_explainer](#)

Testing Regulation	Ageing conditions	Ageing hardness	Ageing strength	Elongation
DIN 53508	70 Duration 125 Temperature	5	-10 %	-20 %

Storage advice (ISO 2230)

The enclosed specification gives an indication of the storage periods to prevent degradation in properties of the material. Exposure to light and moisture should be avoided as much as possible. It is advisable to check the material in advance if it is to be stored for more than one year.

Group	Minimum temperature	Maximum temperature	Maximum humidity	Shelf life	Extension after inspection
C	10 °C	25 °C	65 %	10 year	5 year

We provide product information as known by us with great care. We cannot accept any liability for errors and/or inaccuracies and/or incompleteness. Please note that our products are intended for professional use only. For high impact applications and/or combinations of limit values we always recommend to have the properties specific to that situation verified by us. If there are multiple specifications for a product we will use the standard of 2mm or the closest specification.

