

EPDM 80 Shore A

With drinking water approvals



Material description:

Material based on EPDM, with excellent resistance to heat, ozone, oxygen and other atmospheric influences. EPDM has excellent resistance to aging, is good against acids, alkalis, is alcohol resistant. The standard temperature resistance is about -40 ° C to about +120 ° C.

Typical applications:

By fulfilling many essential international approvals, this material is universally applicable almost worldwide. Material for products which are used for sealing in pipeline construction and water supply. Flat gaskets in equipment and plant construction are also made of this material.

Main markets:

Pipeline construction / equipment and plant construction

Technical Data:

Properties	Unit	Characteristics	Test method
Elastomer base		EPDM	ISO 1629
Colour		black	
Hardness	Shore A	80	ISO 48 / DIN 53 505
Tensile strength	N/mm ²	> 12	ISO 37 / DIN 53 504
Elongation at break	%	> 250	ISO 37 / DIN 53 504
Tension 24 h / 70°C / 25%	%	< 7	ISO 815
Ozone resistance 50 pphm /40°C / 48h / 20%	visually	fulfilled	ISO 1431-1
Drinking water approvals			D - elastomer Guideline UBA D - DVGW standard W-270 GB - WRAS cold water F - ACS A - ÖNORM B 5014/1 USA – NSF /ANSI 61

Packaging:

The EPDM film is delivered as standard in a roll width of 1000 mm.

Available thickness:

0,5 mm, 1,0 mm, 1,5 mm, 2 mm, 3 mm,
further dimensions on request

All values given are average values and do not represent minimum or maximum values. Users must test suitability for their specific application.