

## Aquaflex S EPDM

Properties	Typical value	Test Method
Nominal Thickness, mm $\pm 10\%$	1.5	EN 1849-1:1999
Density, g/cm <sup>3</sup>	1.18	EN 1849-1:1999
Tensile Strength, Mpa:	10.2	EN12311-2 DIN 53504 ASTM-D-412
Elongation at break, %	450	EN12311-2 DIN 53504 ASTM-D-412
Tear Strength , KN/m	37	EN 12310-2 DIN 53315 ASTM-D-816
Lap Joint Strength, Vulcanization: Hot air welding: Cold bonding:	7 N/mm 3 N/mm 1.2 N/mm	EN 12310-2 DIN 53315 ASTM-D-816
Dimensional stability %	0.1	EN 1107-2
Cold Flexibility at °C	-50	EN 495-5 DIN 53545 ASTM-D-746
Hardness IRH	64 $\pm$ 5	DIN 53519 -2
Water vapour diffusion resistance index ( $\mu$ )	90,000	EN 1931
Resistance to Perforation	L4	EN 12730
Properties after Ageing 168h/121°C		
Tensile Strength, Mpa:	9.0	EN 1296
Elongation at break, %	390	DIN 53508

The information given in our technical data sheets are based on the current knowledge and experience. The suitability for the correct application has to be secured by the user. Application has to be done according to our instructions for use. The technical features can vary within the quoted tolerances. Our current general business terms are valid.

**EPDM**

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