

# WRAS-EPDM

## Technical Datasheet



### Description

EPDM (WRAS) is a high quality elastomer with excellent physical properties that meets the requirements of BS 6920-1:2000 and BS EN 681-1 (cold potable water supply 23°C).

### Application

EPDM (WRAS) has been developed as a sealing material for potable (drinking) water applications. The materials possess excellent ageing and ozone resistance, but is not suitable for sealing against oils and other hydrocarbons. Used extensively throughout the Water Industry in Full Face (FF) and Inner Bolt Circle (IBC) flange applications.



### Typical Physical Properties

Polymer		EPDM
Density (SG)	ASTM D297-93	1.22/cm <sup>3</sup> (+/-0.03)
Hardness	ASTM D1415-06	66 - 75° Shore A
Tensile Strength	ASTM D412-06	≥ 9.0 MPa
Compression Set	ASTM D395-03	≤ 15% @ 23°C
Compression Set	ASTM D395-03	≤ 20% @ 70°C
Elongation at Break	ASTM 412-06	≥ 200%
Temperature Range		-40 to 120°C
Pressure		24 Bar Maximum

### Availability

Thickness	0.5mm to 25mm
Roll Width	1500mm & 1600mm
Roll Length	10m (0.5mm to 6mm thick) 5m (8mm to 25mm thick)
Gasket Sizes	15mm - 1200mm. Special sizes available on request.
Specification	WRAS listing numbers are 1711567 & 1911536
Colour	Black

### Note:

The above pressure rating is dependent on the operating temperature, and does not apply at the maximum temperature

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