

Technical Data Sheet

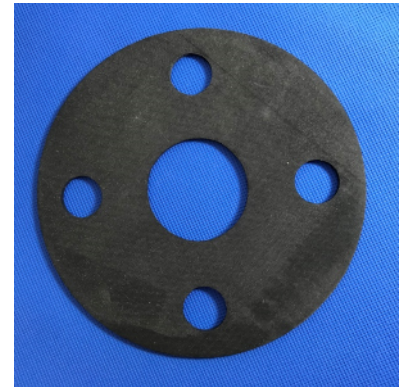
WRAS Approved E.P.D.M. Rubber WCME78

CHEMICAL DESCRIPTION:

Ethylene Propylene Diene Co-Polymer, EPDM

PHYSICAL PROPERTIES

TENSILE STRENGTH:	11 (MPa)
COMPRESSION SET: 22 Hours @ 70° C	49%
SPECIFIC GRAVITY:	1.12
WRAS APPROVED:	Yes
ELONGATION AT BREAK:	400% Min
ABRASION RESISTANCE:	Poor
HARDNESS RANGE:	70° Sh. A (+ or - 5°)
TEMPERATURE RANGE:	-40° - +120° C
OZONE RESISTANCE:	Excellent



CHEMICAL RESISTANCE

WATER:	Excellent
ACIDS:	Very Good
ALKALIS:	Excellent
OILS:	Poor
FUELS AND PETROLEUM SOLVENTS:	Poor
KETONES:	Good

EPDM's are resistant to many chemicals and solvents particularly water, phosphate ethers, ketones, alcohols together with various acids and alkalis.

EPDM's have good resistance to many corrosive chemicals, most inorganic chemical products, mineral acids, detergents and glycol.

This material is a Water Research Advisory Service (WRAS/WRC) approved EPDM suitable for use in potable drinking water applications. As it is a high grade material it can be used in a wide range of applications such as pipe seals, man-way gaskets and weather strips.

ELASTOMERS



Certificate Number: 14352
ISO 9001



Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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