



SPECIFICATION SHEET COMMERCIAL EPDM RUBBER

EPDM rubber is generally used for water resistance purposes in components such as garden and hose appliances, roofing applications, mechanical goods and electrical cable jointing. Our range of EPDM products can be supplied in WRC (Water Research Council Approved), WRAS (Water Regulations Advisory Scheme Approved), or as standard EPDM. From simple EPDM sheet and EPDM washers to more complex and bespoke EPDM strip and EPDM gaskets, RH Nuttall Limited has the answer. All sizes and shapes can be manufactured to suit customer requirements, from routine round or square designs to tailored shapes and sizes. Thicknesses range from 1mm, 1.5mm, 2mm, 3mm, 4mm, 5mm, 6mm, and 10mm to 12mm.

Key characteristics include excellent resistance to fresh and sea water, oxidation, ultra violet, ozone, aging and weathering. EPDM also has good temperature resistance, abrasion resistance and resistance to animal and vegetable oils. Furthermore, it also has a good resistance to acids, water based chemicals, and steam. The material can be supplied fully to the Water Regulations Advisory Scheme (WRAS). The WRAS material we supply our parts from can cover both hot and cold water applications depending on the function. EPDM is not suitable for applications requiring resistance to aromatic and aliphatic hydrocarbons, lubricating oils and petrol.

ELASTOMER	-	EPDM
COLOUR	-	BLACK
QUALITY	-	COMMERCIAL
GRADE	-	E80
HARDNESS	-	70° SHORE A
S.G.	-	1.4G/CM³
TENSILE MPA	-	4
ELONGATION	-	200%
TEAR STRENGTH	-	12
COMPRESSION SET	-	49%
ABRASION RESISTANCE	-	490
OPERATING TEMPERATURE	-	-30/+110°C

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any particular application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable, but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied.