

SURESEAL



PIPE SYSTEMS

SURESEAL "MAXI" GASKETS

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Locally developed and manufactured large diameter flange gaskets

Sureseal "Maxi" gaskets consists of an extruded elastomer profile and an external GRP composite support ring

A wide range of possible diameters can be accommodated, or if necessary fabricated on site to suit

Profiled double O-ring convolutions assist with sealing on uneven surfaces and misaligned flanges

Ideal for pressure and vacuum duty

Successfully used on rubber lined flange surfaces, where surface undulations are common

EPDM is the standard elastomer, however other elastomer types are available for specified medium and temperature duties

The Sureseal "Maxi" Gasket is inherently stable and resistant to lateral flow when subjected to high seating loads

The elastomer profile can be joined by hot vulcanization as an alternative to cold cure adhesive jointing

Particularly suitable for plastic and composite flanges where low gasket seating loads are encountered

Reliable sealing properties without damaging delicate lining surfaces

Superior corrosion resistance

Flange bolt torque requirements are greatly reduced

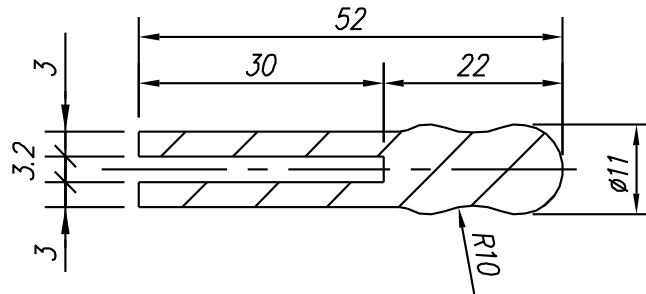
GRP support rings are supplied as a complete annular ring, segmented portions or manufactured on site to minimise transport costs

Simple to install and centralise

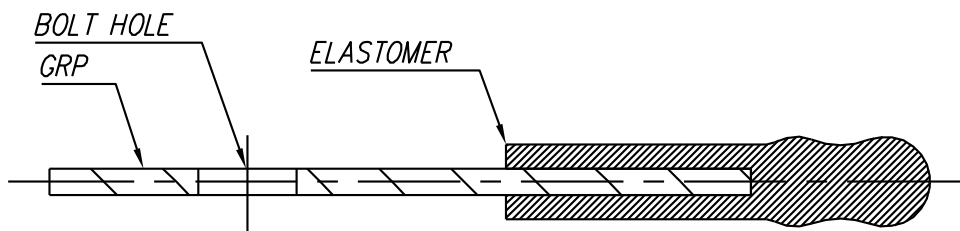
Gaskets retain their original shape and can be dismantled and reused



TECHNICAL DATA



SECTION DETAIL



ASSEMBLY

ELASTOMERS

	ABBREVIATION	CHEMICAL NAME * REG TRADE NAME	TEMPERATURE RANGE °C	
STANDARD	EPDM	ETHYLENEPROPYLENE RUBBER	-40 to +100	Very good resistance to ozone and weather. Especially suitable for aggressive and oxidising chemicals. Unsuitable for mineral oils, solvents, aromatic and chlorinated hydro carbons.
ALSO AVAILABLE	NBR	ACRYLONITRILE BUTADIENE RUBBER (NITRILE)	-10 to +100	Good resistance to many hydrocarbons, chemicals, oils and petrol. Poor ozone and weather resistance. Unsuitable for oxidising media.