



SURESEAL GASKETS

SURESEAL PIPE SYSTEMS

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Locally developed and manufactured, high performance stub flange gaskets

Available in a wide range of standard nominal diameters

Ideal for pressure and vacuum duty

Dimensions conform to ANSI B16.5 150 lbs and BS 4504 PN10
SABS 1123 /DIN 2501 drilling standards

SURESEAL gaskets consist of a steel ring insert completely encased in an elastomer

Superior corrosion resistance

A selection of elastomer types are available for the specified medium and temperature duties

Internal diameters have been selected for common use with many plastic, ferrous and non - ferrous pipe systems

The gasket is inherently stable and resistant to lateral flow when subjected to high seating loads

Profiled surface convolutions assist with sealing on uneven flange surfaces and misaligned pipe work

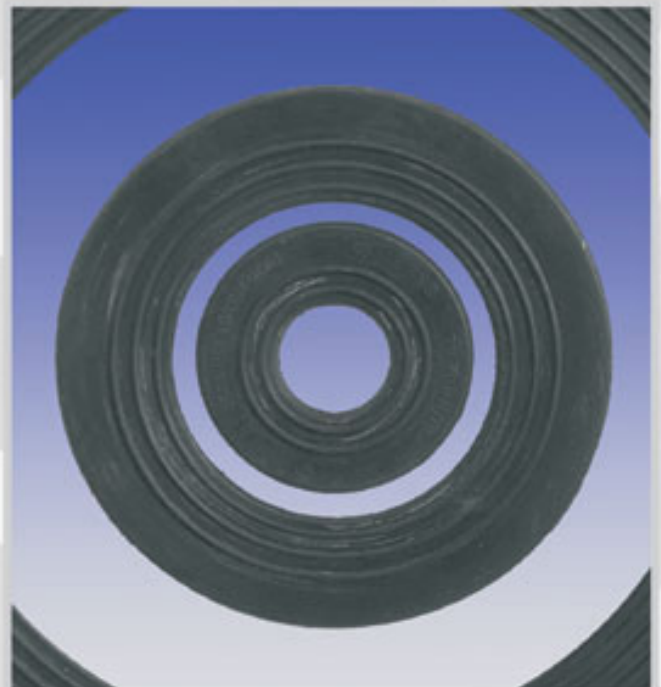
Reliable sealing properties without damaging delicate lining surfaces

Particularly suitable for plastic flanges where low gasket seating loads are encountered or when flange deformation is possible

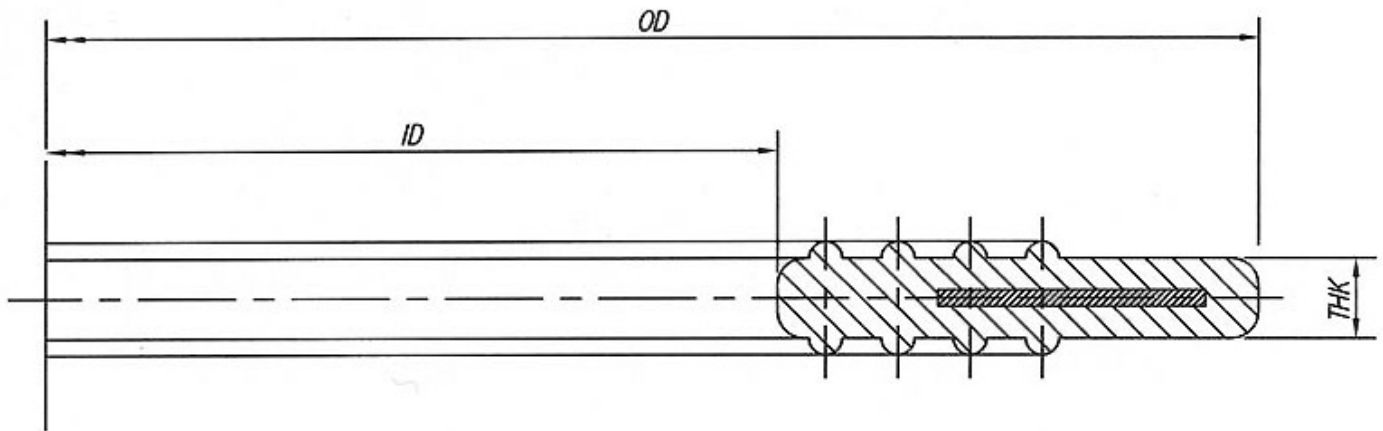
Gaskets retain their original shape and can therefore be dismantled and reused

Embossed markings make for easy identification

Simple to install and centralise due to ring rigidity



TECHNICAL DATA



FLANGE DRILLING TABLES

ANSI B16.5 150 lbs				Recommended Bolt torque	BS 4504 PN 10/SABS 1123/DIN 2501			
NB	ID	OD	THK	Nm	NB	ID	OD	THK
25	29	65	4	20	25	29	72	4
32	38	75	4	20	32	38	83	4
40	46	83	4	25	40	46	93	4
50	58	104	4	30	50	58	108	4
65	70	124	4	30	65	70	124	4
80	84	135	4	35	80	84	143	4
100	107	174	4	35	100	107	163	4
150	154	219	6	45	150	154	219	6
200	203	275	6	50	200	203	275	6
250	254	338	6	55	250	254	328	6
300	308	408	6	60	300	308	378	6
350	350	449	6	65	350	350	438	6
400	410	513	6	70	400	410	490	6
450	460	547	6	75	450	460	540	6
500	520	605	6	80	500	520	595	6
600	620	716	6	90	600	620	696	6

ELASTOMERS

	ABBREVIATION	CHEMICAL NAME *Reg Trade Name	TEMPERATURE RANGE °C	
STANDARD	EPDM	ETHYLENEPROPLE NE 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 hydrocarbons.
	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.
ALSO AVAILABLE	FPM	FLUORINE RUBBER (VITON*)	-20 to +200	Excellent resistance to oils, fuels, most mineral acids, solvents and chemicals.

The elastomer compounds have been selected for their good compression stress relaxation properties and with a Shore Hardness of 70 ± 3