



WILLIAM JOHNSTON & COMPANY LIMITED

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FDA

USP

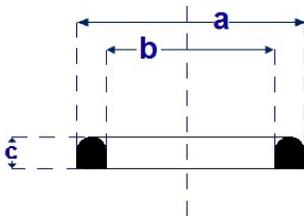
WRAS

EC 1935:2004

DIN SEALS

DIN seals (Deutsche Industrial Norm) are used with German and other European equipment.

Nominal Size (mm)	a	b	c
10	20	12	4.5
15	26	18	4.5
20	33	23	4.5
25	40	30	5.0
32	46	36	5.0
40	52	42	5.0
50	64	54	5.0
65	81	71	5.0
80	95	85	5.0
100	114	104	6.0
125	142	130	7.0



POOR	★
FAIR	★
GOOD	★★
EXCELLENT	★★★

Elastomer	Nitrile (NBR)	EPDM	Silicone	Viton®	PTFE	PTFE ENCAPSULATED
Min Temp	-40°C	-40°C	-90°C	-40°C	-25°C	-20°C
Max Temp	+120°C	140°C	220°C	250°C	250°C	250°C
Operating Temp	-20°C 100°C	-20°C +120°C	-70°C +200°C	-30°C +240°C	-20°C +230°C	-15°C +230°C
Acids	★★	★★	★	★★	★★★	★★★
Alkalis	★	★★	★	★	★★★	★★★
Fats/Oils	★★	★	★	★★	★★★	★★★
Petroleum	★★	★	★★	★★★	★★★	★★★
Steam	★	★★★★	★★	★★	★	★
Taste	★★	★★	★★	★★	★★★	★★★
Colour	★★	★	★★	★★	★★★	★★★

Temperature indicated is for guidance only. Viton® is a registered trade mark of Dupont Dow

Disclaimer

Please note, failure to select the correct materials or products we supply (“the Products”) may result in damage to plant, equipment or property. In some instances, it may cause death or personal injury. We are not designers and do not give advice about design related matters concerning the Products. We can help and assist with the technical specifications for the Products. In specific applications, particularly where critical conditions exist, we will try to assist you within the limitations of the services that we offer. All information supplied by us is intended as technical co-operation outlining the specifications of the different Products which we supply. To the extent permitted in law, no warranty is given in respect of any information supplied by us. The customer must satisfy themselves as to the suitability of the Products for their intended application and use. The correct fitting of Products is the responsibility of the customer. Your statutory rights remain unaffected. Save in respect of death, personal injury or fraud, our entire liability to you, however arising from the supply of Products shall be limited to the £10M indemnity amount provided by our insurers.