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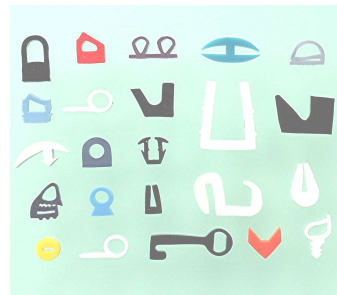
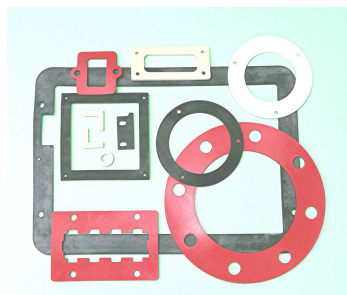
**GRADE HT40W TO HT70W - HIGH TEMPERATURE SILICONE RUBBER, 40 - 70 SHORE A**

These grades offer well balanced mechanical properties and good hot air resistance, with an operating temperature of up to 300°C these materials are perfectly suited to applications either constantly or intermittently at temperature. These grades can be supplied as complex extruded profiles, tube, cord, strip and gaskets. These grades have good UV resistance. All the ingredients are FDA § 177.2600 compliant and can therefore be used for food contact articles. The base material is white and can be pigmented pale colours.

**Temperature Range -60° to +300°C**

M: Moulding. E: Extrusion

Process			E	M	E	M	E	M	E	M
Grades			<b>HT40W</b>		<b>HT50W</b>		<b>HT60W</b>		<b>HT70W</b>	
Specific Gravity	DIN 53 479A	g/cm <sup>3</sup> ± 0.02	1.12		1.15		1.15		1.18	
Hardness	DIN 53 505	Shore A ± 5	40	40	50	50	60	60	70	70
Tensile Strength	DIN53504-S1	N/mm <sup>2</sup>	10	11	11	12	11	11	11	11
Elongation	DIN53504-S1	%	580	780	520	637	440	530	440	530
Tear Resistance	ASTM D 624 B	N/mm	23	28	25	29	24	26	26	31
Rebound Resilience	DIN 53 512	%	56	53	56	53	57	56	53	51
Compression Set	DIN 53517 22 h/175° C	%	36	16	34	17	31	16	40	22



Flammability Information: If tested, The HTxxW range would fulfil the requirements as laid down by UL standard 94HB

**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.

