



# Derby Gaskets Ltd

SPECIALISTS IN SEALING TECHNOLOGY

Units 2, 3, & 4 Racecourse Ind. Park,  
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GB 19386

## MATERIAL SPECIFICATION

### SILICONE SPONGE HT800

Colour:	Black or Grey
Structure:	Modified Closed Cell
Density:	320 kg/cu.m
Compression force:	41 to 97 Kpa
Deflection at 25% deflection ASTM1056	
Compression set at 70C:	1% max
Temperature range:	-55C to +200C
Tensile Strength:	ASTM D142: 414
Water absorption:	ASTM D471: 1.4%
Thermal Conductivity	ASTM C518: 0.09 W/M.K
Dielectric Constant:	ASTM B149: 1.42
Width:	up to 915mm
Thickness:	0.8mm to 12.7mm
Specifications:	UL94 HF1 and V0 UL 157 AMS 3195 FAR 25.853

We reserve the right to alter the specification without notice. Values given may vary according to manufacturing tolerances. It is the responsibility of the purchaser to ensure material is suitable for purpose and we will provide samples for test if required.

DGL-MSS62 Iss 2

Registered Office: Derby Gaskets Ltd; Units 2, 3 & 4 Racecourse Industrial Park, Mansfield Road, Derby, DE21 4SX  
Chairman: C. Prince, Directors: S. Prince (Managing), Y. Kennedy (Company Secretary).  
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