



# Derby Gaskets Ltd

SPECIALISTS IN SEALING TECHNOLOGY

Units 2, 3, & 4 Racecourse Ind. Park,  
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[www.derbygaskets.com](http://www.derbygaskets.com)



GB 19386

## MATERIAL SPECIFICATION

### POLYETHYLENE FOAM (PLASTAZOTE)

Density:	45 kg/cu.mtr (LD45)	
	Also available to order: 33 kg and 60 kg.	
Temperature range:	-70C to +110C	
Compression stress-strain characteristics:	ISO33861/1 1986 BS4443 Ptl: 5a 1988 DIN 53577 1988	
25% compression:	50 kPa	
40% compression:	90 kPa	
50% compression:	135 kPa	
60% compression:	210 kPa	
Compression set:		
72 hrs 50% compression 23C 30 min recovery:		22%
48 hrs 20% compression 23C 30 min recovery:		7%
Tear strength:	1030N/m	
Tensile strength:	600N/m	
Elongation at break:	150%	
Water absorption:	1 day:	0.1% vol.
	7 days:	0.3% vol.
	14 days:	0.4% vol.
	28 days:	0.5% vol.
Thermal conductivity:	mean 10C	0.043 W/m.K
Flame retardancy:	FMVSS.302	Pass at 5mm and above.

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-MSS55 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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