

## MATERIAL DATA SHEET

**DESCRIPTION**

**EXPANDED WHITE SILICONE SIL16 SKINNED ON  
FOUR SIDES 25MM WIDE X 3MM THICK**



**ORDER CODE**

**ES 4218**

PARAMETER	TYPICAL VALUE
MATERIAL	WHITE EXPANDED SILICONE
DIMENSIONAL TOLERANCE CLASS (ISO 3302-1)	E2
DENSITY (BSENISO 845)	256KG/M <sup>3</sup>
HARDNESS (ASTM D2240)	42 – 52° SHORE OO
COMPRESSION STRESS @ 40% STRAIN (BSENISO 3386 PART 1, 2)	90KPA
TENSILE STRENGTH (BSENISO 1798)	0.6MPA
ELONGATION @ BREAK (BSENISO 1798)	145%
COMPRESSION SET 50% COMPRESSION, 24 HOURS RECOVERY (BSENISO 1856)	
22 HOURS @ 70°C	4%
22 HOURS @ 100°C	5%
TEMPERATURE RANGE	-60°C TO +200°C

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