

NEOPRENE (CR) CLOSED-CELL SPONGE WITH ADHESIVE

PROPERTIES	RATINGS	TEST METHOD
Cellular Structure	Closed Cell	
Density (kg m ³)	60 - 80	ASTM D 1667
Thermal Conductivity @ Mean Temp 20°C	0.28 Btu.in / hr.ft ~ F 0.038 W / m°C (0.0328 Kcal / mh°C)	BS 874 : Part 2
Temperature	-40C to +105C	
Thermal Stability (5% Shrinkage) 7 day @ 200F 7 day @ 220F	4.5 5.5	ASTM C534 ASTM C534
Fire Resistance	Class 0 Class 1 Self Extinguishing V-0, 5VA	BS 476 Part 6 BS 476 Part 7 ASTM D 635 UL94/JIS K6911
Water Vapour Permeability Perm-in.Max g/Pa.s.m ² /l Factor	0.11 ug.mlN.h 1.18 x 10.7 ~ 6000	ASTME96 BS EN ISO 12572
Mildew Resistance	No Fungal Growth	
Weather & UV Resistance	Good	
Ozone Resistance	Excellent	ASTM D1171/JIS K6301
Chemical Resistance	Good	
Odour	Negligible	
Flexibility	Excellent	
Coating, With Release Paper	Adhesive, Tested OK under temperature 80C & 500hrs	

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