

Typical Properties of SCE45B

Polymer	Neoprene Based		
ASTM D1056 Classification	2A5		
ASTM D1056 Suffix Compliances	A1, B2, C1, F1, M		
ASTM D6576 Classification	Type II A,B Firm		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D1056	10 – 14 pcf	160.1 – 224.2 kg/m ³
Compression Deflection 25%	ASTM D1056	17 - 25 psi	117.2 - 172.3 kPa
Compression Set 50%	ASTM D1056	25 % Max	25 % Max
Water Absorption	ASTM D1056	5 % Max	5 % Max
Tensile Strength	ASTM D412	150 psi	1050 kPa
Elongation	ASTM D412	125 %	125 %
Tear Strength	ASTM D624	35 lb/in	6.1 kN/m
Resilience	ASTM D2632	15 %	15 %
CD after Oven Aging	ASTM D1056	30% Max	30% Max
Flammability	FMVSS-302	Pass @ .068” or Thicker	
Service Temperature	-40 to 150 F		
High Intermittent Temperature	200 F		

UL Listings ¹	
Flammability ¹	UL-94 HF-1, HBF

¹ Contact customer service for specification inquiries and UL Information.

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