

Typical Properties of SCE41NEO

Polymer	Neoprene Based		
ASTM D1056 Classification	2C1		
ASTM D1056 Suffix Compliances	B3, C1, F1, M		
ASTM D6576 Classification	Type II A,B Soft		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D1056	7 – 11 pcf	112 – 176 kg/m ³
Compression Deflection 25%	ASTM D1056	2 – 5 psi	13.8 – 34.5 kPa
Compression Set 50%	ASTM D1056	30% Max	30% Max
Fluid Immersion	ASTM D1056	250% Max	250% Max
Water Absorption	ASTM D1056	5% Max	5% Max
Tensile Strength	ASTM D412	60 psi Min	414 kPa Min
Elongation	ASTM D412	100% Min	100% Min
Tear Strength	ASTM D624	12 lb/in Min	2.1 kN/m Min
Resilience	ASTM D2632	10 - 20 %	10 - 20 %
CD after Oven Aging	ASTM D1056	30% Max	30% Max
Flammability	FMVSS-302	Pass @ .125" or Thicker	
Service Temperature	-40 to 150 F		
High Intermittent Temperature	200 F		
Thermal Conductivity	ASTM C518	K Factor .38	

UL Listings ¹	
Gasketing and Sealing	UL508, UL50, UL50E, UL48

¹ Contact customer service for specification inquiries and UL Information.

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