

Material Data Sheet | Neoprene

Neoprene maintains high resilience with low compression set and sustains flexibility over a wide temperature range. It is flame resistant and is customarily unaffected by oils from chemicals and food. Due to the chemical makeup of Neoprene can only be extruded in black.

TECHNICAL INFORMATION	
Common Names	Neoprene
Adhesion to Metals	Good to Excellent
Military (MIL STD 417)	SC
Chemical Definition	Polychloprene
Tensile Range (P.S.I)	500 – 3000
Oil Resistance	Fair
Durometer Range (Shore A)	45 – 95
Compression Set	Good
High Temperature Usage (F°)	to 250°
Abrasion Resistance	Excellent
Tear Resistance	Excellent
Solvent Resistance	Good
Resilience – Rebound	Good
Aging Weather – Sunlight	Good
Elongation (max. %)	600
ASTM D-2000 Classification	BC, BE
Low Temperature Usage (F°)	10° to -50°

