

TECHNICAL DATASHEET: 50 DUROMETER INDUSTRIAL GRADE SOLID NEOPRENE

PRODUCT DESCRIPTION

50 durometer industrial grade solid neoprene, smooth finish, powder free.

TYPICAL APPLICATIONS

- Excellent for adhesive applications, window setting blocks, protective pads and isolation pads
- Glass carts, glass racks (base), shock absorption, vibration damping, and disparate metals isolation/insulation
- Great for isolation mounting and spacing

PRODUCT FEATURES & BENEFITS

- Natural aging to alkalis and acids
- Good resistance to flame, abrasion and flex cracking
- Limited resistance to weather and ozone

TECHNICAL DATA	VALUE	TEST METHOD / STANDARD
THICKNESS	1/16", 3/32", 1/8", 3/16", 1/4"	
COLOR	Black	
FINISH	Smooth	
POLYMER	NBR / SBR /CR	
DUROMETER/HARDNESS (SHORE A)	50	ASTM D2240
DUROMETER/HARDNESS CHANGE AFTER HEAT AGING 70 HOURS @ 212°F	±15 points max.	ASTM D573
TENSILE STRENGTH	1,000 psi min.	ASTM D412
TENSILE STRENGTH CHANGE AFTER HEAT AGING 70 HOURS @ 212°F	±15% max.	ASTM D573
ULTIMATE ELONGATION	300% min.	ASTM D412
ELONGATION CHANGE AFTER HEAT AGING 70 HOURS @ 212°F	-50% max.	ASTM D573
COMPRESSION SET, 22 HOURS @ 212°F	80% max.	ASTM D395B
TEMPERATURE RANGE	-20°F to 190°F	
SPECIFIC GRAVITY	1.24 gr/cc	
ABRASION RESISTANCE	Good	
OZONE RESISTANCE	Limited	
WEATHER RESISTANCE	Limited	
VOLUME CHANGE AFTER OIL AGING 70 HOURS @ 212°F	120% max.	ASTM D471
ASTM D2000: 1BC510	Yes	

NOTE: Material is within Commercial Sheet Rubber Tolerances.

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. H-O will provide samples for this purpose at no charge. **REV. 0**