

NEOPRENE

Product Code			R411	R425	R451
PROPERTY	TEST METHOD	UNITS			
Density	ASTM D 1056	PCF	10 - 16	12 - 20	22 - 35
Compression Deflection (25%)	ASTM D 1056	PSI	2 - 5	5 - 9	17 - 24
C/D Heat Aging (7 days @158 F)	ASTM D 1056	% MAX CHG	30	30	30
Shore OO Durometer			25 - 45	40 - 60	70 - 90
Compression Set (1) (50%)	ASTM D 1056	% MAX	25	25	25
Tensile	ASTM D 412	PSI MIN	50	85	150
Elongation	ASTM D 412	% MIN	150	200	175
Fluid Immersion (2)	ASTM D 1056	WT % MAX	150	150	150
Water Absorption	ASTM D 1056	WT % MAX	5	5	5
	ASTM D 1667	LBS/SQ FT	0.1	0.1	0.1
Linear Shrinkage (7 days @ 158 F)	ASTM C 534	% MAX	5	5	5
Ozone Resistance (72 hours @ 50 ppm)	ASTM D 1171	RATING	0	0	0
Thermal Conductivity (3)	ASTM C 177				
Bashore (% Rebound Average)					
Resilience (1/2" thickness @ 72 F)			40 - 50	45 - 55	25 - 35
Temperature Use: Cold Crack	ASTM D 1056	°F	-40	-40	-40
High (10)		°F	200	200	200
Flammability Rating (4)	FMVSS302		PASS	PASS	PASS
	U.L. 94*		LISTED	LISTED	LISTED
Sheet Size	+/-3%	INCHES	42 x 56	42 x 45	42 x 45
Expected Yield (11) Thickness		INCHES	2.25	2.0	1.5
Specifications	ASTM D 1056-67		SCE41	SCE42	SCE45
	ASTM D 1056-98		2C1	2C2	2C5
	Mil R 6130 Type 2 Grade		A or B SOFT		A or B FIRM
Special Orders (7)					
Colors			BLK	BLK	BLK

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