



Cal-Neva Supply Co. Inc.

Everything in Rubber

www.calnevasupply.com

This Selector Guide is designed to assist you in choosing the best material for your applications.

			NEOPRENE				
PRODUCT CODE			R411	R415	R425	R431	R451
PROPERTY	TEST METHOD	UNITS					
1. DENSITY	ASTM D 1056	PCF	10-16	8-13	12-16	5-7	6-8
2. COMPRESSION DEFLECTION (25%)	ASTM D 1056	PSI	2-5	2-5	5-9	9-13	17-24
3. C/D HEAT AGING (7 DAYS @ 158°F)	ASTM D 1056	% MAX CHG	30	30	30	30	30
4. SHORE OO DUROMETER **			25-45	20-40	40-60	60-80	70-90
5. COMPRESSION SET (1) (50%)	ASTM D 1056	% MAX	25	25	25	25	25
6. TENSILE	ASTM D 412	PSI MIN	50	50	85	115	150
7. ELONGATION	ASTM D 412	% MIN	150	225	200	180	175
8. FLUID IMMERSION (2)	ASTM D 1056	WT % MAX	150		150	150	150
9. WATER ABSORPTION	ASTM D 1056	WT % MAX	5	5	5	5	5
	ASTM D 1667	LBS / SQFT	0.1	0.1	0.1	0.1	0.1
10. LINEAR SHRINKAGE (7 DAYS @ 158°F)	ASTM C 534	% MAX	5	5	5	10	10
11. OZONE RESISTANCE (72 HOURS @50PPHM)	ASTM D 1171	RATING	0		0	0	0
12. THERMAL CONDUCTIVITY (3)	ASTM C 177						
BASHORE (5 REBOUND AVERAGE)							
13. RESILIENCE (1/2" THICKNESS @ 72°F)			40-50	45-65	45-55	25-40	25-35
14. TEMPERATURE USE: COLD CRACK	ASTM D 1056	°F	-40	-65	-40	-40	-40
HIGH (10)		°F	200	200	200	200	200
15. FLAMMABILITY RATING (4)	FMVSS302		PASS	PASS	PASS	PASS	PASS
	U.L. 94*		LISTED		LISTED	LISTED	LISTED
16. SHEET SIZE	+/- 3%	INCHES	42 X 56	42 X 45	42 X 45	42 X 45	42 X 45
17. EXPECTED YIELD (11) THICKNESS		INCHES	2.25	1.5	2.0	1.75	1.5
18. SPECIFICATIONS	ASTM D 1056-67		SCE41	SCE41	SCE42	SCE43	SCE45
	ASTM D 1056-98		2C1	2C1	2C2	2C3	2C5
	MIL R 6130 TYPE 2		B or C SOFT			A or B MED	A or B MED
	GRADE						
19. SPECIAL ORDERS							
20. COLORS			BLACK	BLACK	BLACK	BLACK	BLACK