



PRODUCT NEWS

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NEOPRENE SPONGE SERIES R-411-N , R-431-N and R-451-N

Applications

R-411-N, R-431-N and R-451-N represent a series of 100% Closed Cell Neoprene Sponge. The mechanical properties and oil resistance of this series is superior to blended sponge grades. 100% Neoprene Sponges are recommended for weather resistant gaskets and pads in areas where some oil contact may also occur.

Properties	R-411-N	R-431-N	R-451-N
Compression deflection, PSI	2-5	9-13	17-20
Compression set, 22 hrs. at 73°F %	15-25%	15-25%	15-25 %
Density, lbs./ft ³	10-16	18-28	22-35
Water Absorption, max, weight %	5	5	5
Temperature range, °F	-40 to +150	-40 to +150	-40 to +150
Elongation, % min.	150	180	175
Flammability, FMVSS #302 burn rate in inches per minute	0	0	0
Mil-R-6130B Type II	Gr. A,B soft	Gr. A,B med.	Gr. A,B firm
Mil-Std 670C/3133	SCE41F ₁	SCE43F ₁	SCE45F ₁

Availability

These Neoprenes are available in thicknesses ranging form 1/16" thru 2". Auburn will die cut, slit to width, laminate and apply pressure sensitive adhesives.