



H.S. WHITE CORPORATION

Marine and Industrial Specialties

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Closed Cell Neoprene Rubber: NCK4248 Technical Bulletin

NCK4248 is a black expanded closed cell Nitrile Rubber designed as a cost effective solution for a variety of high performance gasketing, sealing, shock-absorbing and vibration-dampening applications.

NCK4248 foam is impermeable to air and water, has good resistance to solvents, is fire resistant and contains no CFC's. It is manufactured skin-2-sides $\frac{1}{4}$ " thick and higher, skin-1-side under $\frac{1}{4}$ " and is stocked in continuous rolls $\frac{1}{8}$ " to 1" at 48" wide. Skiving and lamination are available upon request.

DENSITY: 7-11 lbs/ft³
ELONGATION: 125

TENSILE: 50 lbs/ft²
COLOR: Black

Description	Results
Compression Deflection @ 25%	5-9 psi
Compression Set @ 50%	25%
Water Absorption	0.1 lbs./ft ²
Shore 00 Durometer	45-65
Flammability (FMVSS302)	Pass
Ozone Resistance	0
Upper Use Limit	200°F
Lower Use Limit	-40°F
Standard Roll Widths	48"
Maximum Gauge	1"

IMPORTANT: The information in this technical bulletin is based on data obtained by our testing and is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results obtained from the use thereof, or that any such use will not infringe on any patent. This information is furnished upon the condition that the person receiving it shall make his own tests to determine the suitability for his particular purpose.



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Closed Cell Elastomeric: QXIG2 Technical Bulletin

QXIG2 is a leading brand of high performance, closed cell elastomeric industrial foams, engineered to meet specific design considerations.

QXIG2 is a fine cell structure, low compression set (good recovery time), good dimensional stability and has the ability to adhere to PSA's. QXIG2 can be used in industrial applications such as automotive gasketing and weather stripping.

COLOR: Black

DENSITY: 5.5-7.5 lbs/ft³

TENSILE: 75 psi min.

ELONGATION: 100

Description	Results
Polymer	PVC/NBR/CR
Classification	SBE42
	2B2
Suffix Requirements	B2, C1, M
25% Compression Deflection	5-9
50% Compression Set	25 maximum
Flammability ¹	Pass
UL94	Pass
C Tear Strength	15 min
Temperature Use ²	
Cold Crack	-20
High ³	200

¹Flammability—This item and any corresponding data refer to typical performance in the specific test indicated and should not be construed to imply this material's behavior in other fire conditions.

²This recommendation is based on polymer type only.

³This temperature is the maximum allowable for intermittent exposure only.

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