



Technical Data Sheet

Product Name: 28000 Series

Closed Cell PVC/NBR – Black

Physical Properties	Results	Test Method
Cell Structure	Closed Cell	
Density (lb/ft ³)	3.0 – 6.0	ASTM D1622
25% Compression Resistance (psi)	2.0 - 5.0	ASTM D1056
50% Compression Set (%)	40 Max.	ASTM D1056
Water Absorption (%)	.02	ASTM C209
Water Vapor Permeability(P/in)	0.08	ASTM E96
Tensile (psi)	15 Min.	ASTM D 412
Elongation (%)	100 Min.	ASTM D 412
Flammability		
MVSS302	Pass	MVSS302
UL 94 V-0	Pass	UL E485840
Smoke/Flame	25/50	ASTM E 84
Cold Crack @ -40°F	Pass	ASTMD1056
Ozone Resistance	No Crack	ASTM 1171
Service Temperature	-297to 220F	ASTM D1171
R-Value (per inch)	4.2	ASTM C177

Meets the following specifications:

Factory Mutual Approvals for fire resistance and is Greenguard Certified.

ASTM C 534, TYPEII-SHEET, GRADE1; ASTM C1534; ASTM E 84; NFPA 255; UL 723; UL94 V-0; NFPA 90A & 90B; ASTM D 1056 2B1; MIL-P-15280J, FORM S; MIL-C-3133C (MIL STD 670B), GRADE SBE3; UL 181; ASTM G21/C1338; ASTM G-22.

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