

PRODUCT DATA SHEET

Grade: PVC Nitrile

SPECIFICATIONS

Average Physical Properties	Rating	Test Method
Cellular Structure	Very Fined-Closed Cell	
Density (kg/m ³)	85.6 (+/- 10)	ASTM D 1667
Thermal Conductivity	0.04 W/m°C	ASTM C518
Thermal Conductivity (X Factor)	.28 Btu.in/hr-ft. ² F° at mean temp of 20°C	ASTM C518
Mean Temp @ 10°C	(0.0346 Kcal/mh°C	
Temperature Limits °C	-40°C to +105°C	
Thermal Stability (% shrinkage) 7 days - 200°F 7 days - 220°F	4.5 5.5	ASTM C534 ASTM C534
Spread of Flame	Self Extinguishing	UL94/STM D635-91
Water Absorption (% W/W)	4.37	ASTM C272
Water Vapor Permeability	1.63	ASTM E96
Perm – In. Max g/Pa.s.m. ²	9.22 x 10.5	
Mildew Resistance	No Fungal Growth	
Weather and Ultraviolet Resistance	Good	
Ozone Resistance	Very Good	ASTM D1171
Sun Test (4 years)	Ok	ASTM G155
Chemical Resistance	Good	
Odour	Negligible	
Flexibility	Excellent	
Elongation	Excellent	
Manufacturing Process	Without CFC, Asbestos, Chlorine & Fiber	

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