



**HALOGEN FREE NITRILE FOAM**

**MATERIAL SPECIFICATION SHEET**

<b>PROPERTY</b>	<b>AVE VALUE</b>	<b>UNIT</b>
Density	60 - 90	Kg/m <sup>3</sup>
Water Vapour Resistance	>2000	Test acc. to EN 13469 and EN 12086
Minimum Elongation	> 50	%
Tear Strength	> 0.4	kN/m
Temperature Range	- 50 / +85	°C
Practical Fire Behaviour		Self-extinguishing, does not drip, does not spread flames
Health Aspects	Cadmium free, Dust & Fibre free, Formaldehyde free	
Thermal Conductivity @ +0°C	0.040	W/(m-k)
Thermal Conductivity @ +40 °C	0.045	W/(m-k)
Reaction to fire	Euro class E	DIN EN 13501-1, ABP: P-NDS04-588
Certificates - Passenger train		DIN 54837, DIN 5510-2
Certificates – Ship Building / offshore	Lloyds register, Bureau Veritas, ABS, Germanischer Lloyd	



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