

## Technical Specifications – CLASS 1 & LSOH [Low Smoke Zero Halogen]

<b>Material</b>	Foamed Nitrile Rubber without chloride or bromide ions		
<b>Cell Structure</b>	Closed Cell		
<b>Fire performance</b>	BS476 Part 7 1987	Surface Spread of Flame	Class 1 (BS 476 part 7)
<b>Building Regulations</b>	1991 (England and Wales)		Class 1
<b>Building Standards</b>	1990 (Scotland)		Class 1
<b>Reaction to Fire</b>	Self-extinguishing, does not drip		
<b>Thermal Conductivity</b>	BS874 Part 2 1986	@ 0°C	0.040W/(m – K)
		@+40°C	0.045 W/(m – K)
<b>Temperature Range</b>	Min. Surface Temp		-50°C
	Max. Surface Temp		+105°C
	Max. Flat Surface		+85°C
<b>Toxicity</b>	Low Smoke & Zero Halogen (LSOH)		
<b>Health Aspects</b>	Dust & fibre free		
	CFC & HCFC Free		
	Formaldehyde free		
<b>Water Vapour Permeability</b>	Test according to DIN 52 615	Moisture Resistance Factor $\mu > 2000$	
<b>Water Absorption</b>	By Volume after 28 days	0.9% Average	
		1.5% Maximum	
<b>Resistance to</b>	Chemicals	Consult product test list	
	Ozone	No cracking	
	Building Materials	Very Good	
<b>Environmental Factors</b>	OPD Zero		
	GWP Zero		
<b>Density</b>	80-90Kgm <sup>-3</sup>		