

## 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>