

## Technical Specifications – Class 0

Material			Foamed Nitrile Rubber
Cell Structure			Closed Cell
Tolerance			+/- 15mm
Fire Performance	BS476 Part 7 1987	Surface Spread of Flame	Class 1
	BS476 Part 6 1989	Fire Propagation	Class 0
Building Regulations	1991 (England and Wales)		Class 0
Building Standards	1990 (Scotland)		Class 0
EuroClass	EN 13501-1		B-s3, d0
Reaction to Fire			Self-extinguishing, does not drip
Thermal Conductivity	BS874 Part 2 1986	@ 0°C	0.035 Wm <sup>-1</sup> K <sup>-1</sup>
		@ +20°C	0.037 Wm <sup>-1</sup> K <sup>-1</sup>
		@ +40°C	0.039 Wm <sup>-1</sup> K <sup>-1</sup>
Temperature Range			Minimum line temp -40°C*
			Maximum line temp +105°C
			Flat surface & tape +85°C
Toxicity			Low Smoke & Fume (LSF)
Health Aspects			Dust and Fibre Free
			CFC Free
			Formaldehyde free
Water Vapour Permeability	DIN 52615	Moisture Resistance Factor	μ > 5000
	BS EN ISO 9346:1996		3.6 x 10 <sup>-14</sup> Kg / (m s Pa)
	BS4370 Part 2 1973		0.13 μg / (N h)
Water Absorption	By Volume after 28 days		
			0.9% Average
			1.5% Max.
Resistance to	Chemicals	Consult product test list	
	Ozone	No cracking	
	Building Materials	Very Good	
Environmental Factors	OPD Zero		
	GWP Zero		
Density			90-100Kg <sup>m</sup> -3
Other Certificates/Approvals	UL94	UL approved- V0	
	UL Certificate	BK 3.2 V-0, HF-1	
	FM approved	Class number 4924	
	DNV, Lloyd's Register		

