Technical Data Sheet 03/11 (prov.LSUK)

EUROBATEX R

Type of Material:	Eurobatex R is a Class 0 fire rated Flexible Elastomeric Foam with a White Polymeric surface coating, which is CFC free, HCFC free, O.D.P. zero and has a zero global warming potential.
Composition and Uses:	The insulation material in this product is Eurobatex Class 0 hence its basic physical properties are the same. The White Polymeric coating means that Eurobatex R can be used outdoors without painting and significantly improves resistance to mechanical abuse and bird attack. The white surface is less prone to solar heating outdoors and blends in to the background better for some indoor applications. The surface is easy to clean in service.
Product range:	TUBE thickness: 9,13,19mm – Ø from 12 to 54mm (may be extended)

PHYSICAL PROPERTY	RESULT OBTAINED	TEST METHOD	CERTIFICATION OR SUPERVISION BODY
Operating temperature range	-45ºC to + 105ºC	UNI ISO188/98	Factory test
Thermal conductivity λ at mean temperature indicated -20ºC 0ºC 20ºC 40ºC 50ºC	 0.030W/mK 0.034W/mK 0.036W/mK 0.039W/mK 0.040W/mK	 DIN 52613 DIN 52612 EN ISO8497	 F.I.W. Munich *
Moisture properties Water vapour diffusion factor μ Water vapour permeability Water absorption	 ≥ 7000 0.07 μgm/Nh 1.5% max by volume after 28 days	 EN 13469/ DIN 52615 BS4370: Part 2: 1973 ASTM D1056	 F.I.W. Munich F.I.W. Munich** Factory test
Fire performances **European standard** (insulation)	 B- S_3-d_0 B_L- S_2 -d_0	 EN 13501 -1 :2007	 CSI Italy – LNE France
Italy	Classe 1	UN 9174-UN18457	Ministry of the Internal Approval for every single thickness.
UK: Fire propagation Surface spread of flame Building Regulations (insulation)	 I ≤ 12.0 i < 6.0 Class 1 Class 0	 BS476: Part 7: 1987 BS476: Part 6 and Part 7	 Warrington Fire global safety The two results as indicated above meet Class O requirements for UK and ROI
France	**NF** B_L- S_2 - d_0 B- S_3 -d_0	AFNOR NF 487	LNE France *
Ozone resistance **U.V. Resistance** **Outdoor Applications**	Excellent Excellent No additional coating required	ISO 7326/91 UNI ISO 4892-2/94	In-house Testing In-house Testing In-house Testing
Chemical resistance	Good	Exposure to oil, greases, building materials, dilute acids or alkalis	Factory tests (details available on request)
Corrosion risk	Meets the test requirements	EN13468/2001 DIN 1988/88 Part 7	Cerisie, Milan

* The declared values are supervised by Third-Party Body

** Averages of tests results obtained by constant internal tests and by Third Party Body