

Information

L3-XX40 is a medium density, cellular silicone foam material designed for use vibration isolation pads in railway floating floors. It insulates, seals, absorbs, and protects, and is available in rolls.

Features and benefits

- Excellent vibration isolation and damping
- Low Smoke
- Low Flame
- Handles temperature extremes
- UV and weather resistant

Applications

- Floating floor application
- Vibration isolation pads/strips

Fire Safety Standards:

STANDARD	RATING
49CFR238	Pass
BS6853 – Table 1	CAT 1A
DIN 5510	SF3 S4 SR2 ST2
EN45545 – R10	HL3
NFF 16-101	M2 F1

Typical Physical Properties:

PROPERTY	TEST METHOD	TYPICAL VALUE
Colour		Boilermaker Orange
Thickness Range		4 – 25mm
Density, lb/ft ³	ASTM D 1056	(352 kg/m ³) 22 PCF
Compression Set Resistance	ASTM D 1056 (100°C)	< 5%
Compression Force Deflection @ 25% psi	ASTM D 1056	(0.090 N/mm ²) 13 psi
Temperature Range (constant use)	Rogers Internal	(-55°C to 200°C) -67°F to 392°F

Thickness Tolerance:

NOMINAL THICKNESS	TOLERANCE
4 – 12mm	+/- 12%
13 – 25mm	+/- 15%

Standard Offering:

PRODUCT ID	THICKNESS		WIDTH		LENGTH	
	MM	IN	MM	IN	M	FT
L3-1440	4	0.157	914	36	12	39.4
L3-0640	6	0.236	914	36	12	39.4
L3-1040	10	0.394	914	36	6	19.7
L3-1240	12	0.472	500	19.7	6	19.7
L3-1640	16	0.630	500	19.7	6	19.7
L3-2540	25	0.984	500	19.7	3	9.8

The information contained in this Data Sheet is intended to assist you in designing with BISCO Foams. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown on the Data Sheet will be achieved by a user for a particular purpose. The user should determine the suitability of BISCO Foams for each application.

- † +44 (0) 121 773 8494
- f +44 (0) 121 772 3584
- w www.cb frost-rubber.com
- e info@cb frost-rubber.com
- t twitter.com/cbfrost

