

BISCO® L3-XX40

Typical Product Properties

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.

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

Thickness Tolerance:

Nominal Thickness	Tolerance
4 - 12 mm	+/- 12%
13 - 25 mm	+/- 15%

L3 - XX40		
Property	Test Method	Typical Value
PHYSICAL		
Color		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

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	0.63	500	19.7	6	19.7
L3-2540	25	0.984	500	19.7	3	9.8

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