



Rogers BISCO[®]

Silicone Solutions for the Railway Industry



EN45545-certified.
Designed for safety, durability, and comfort.



Certified Flame Retardant Materials – Globally Compliant

Our Rogers BISCO® silicone materials meet the most rigorous global railway safety standards:

- EN45545 (Europe)
- 49 CFR 238 / NFPA 130 (USA)
- BS 6853 (UK, legacy compliance)

Hazard Level Ratings: HL1, HL2, HL3

Applications: Interior, Exterior, Floor Systems, Seating, HVAC

Key Railway Applications

Application	Recommended BISCO® Products
Interior & Exterior Seals	BF-1000, HT-800
Gaskets / Gap Fillers	HT-870, HT-200
Acoustic & Thermal Insulation	HT-200, FPC
Seat Cushions (MF1®)	MF1-35, MF1-55, MF1-75
Floating Floor Isolation Pads	HT-800, HT-870, L3-XX40
HVAC Seals / Fan Mounts	BF-1000, HT-870

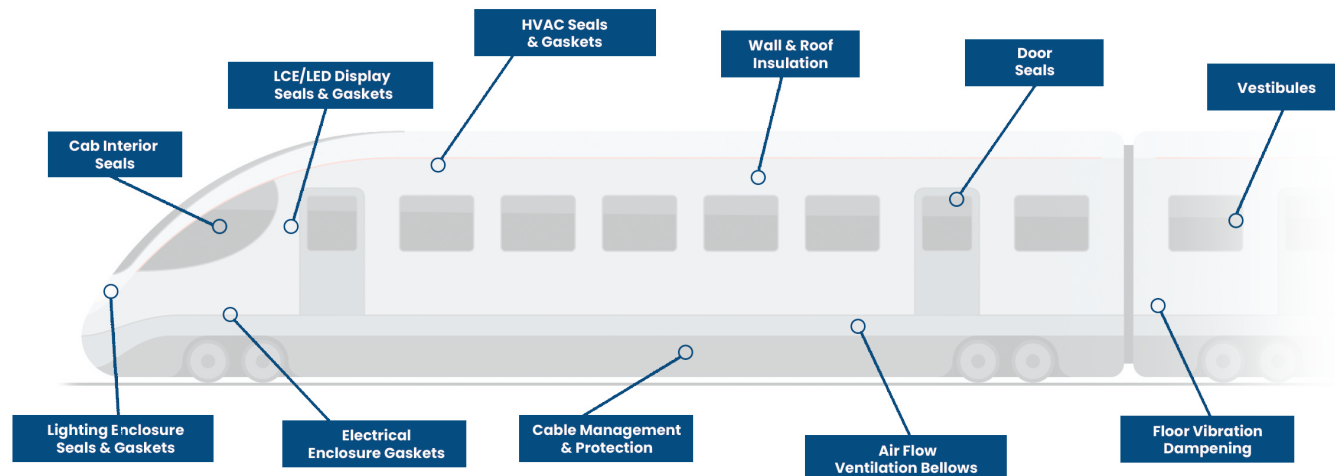


Why BISCO®?

- Inherent flame resistance (no fire-block layers needed)
- Long-term resilience (low compression set, high durability)
- Environmentally stable (UV, ozone, moisture, temperature)
- Excellent vibration and noise damping
- Certified to ASTM E162, E662, SMP 800C, and more

Available in:

- Rolls and sheets
- Bun stock for molded or fabricated parts
- Multiple hardnesses, densities, and thicknesses



Sample Applications in Trains

- Door / window / access panel seals
- HVAC system seals and fan isolators
- Seat cushions (MF1®, Silfx®)
- Acoustic barriers and anti-squeak pads
- LCD/display and lighting gaskets
- Floating floor isolation
- Electrical and battery housing seals



Conversion Capabilities by EKO-TECH®

From Raw Sheet to Finished Component. As an official Rogers converter, EKO-TECH offers full-service fabrication of BISCO® materials. Our Capabilities Include:

- Applying custom silicone adhesives
- Die-cutting and kiss-cutting to complex shapes
- Cutting to size – sheets, rolls, reels
- Strips and rectangular gaskets
- Large-format insulation panels
- Multi-layer laminates for custom performance

Why Work with EKO-TECH?

- European Rogers-converter since 2021
- Technical consultation and prototyping
- Fast lead times across the EU
- EN45545 compliance expertise
- Custom part development available

Let's Build Better Railway Solutions Together

Book a consultation or request samples today.

