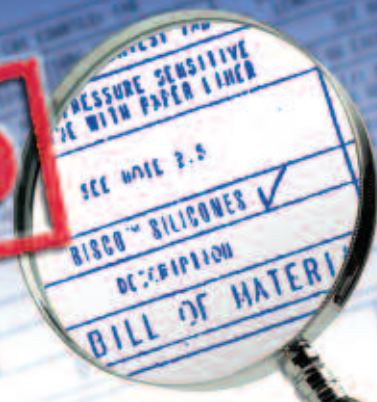


SPECIFIED



BISCO® SILICONES IN MASS TRANSIT

DESIGN CHALLENGE: To specify a material that meets industry requirements, and is versatile enough to satisfy mass transit railcar design needs.

REQUIREMENTS:

TESTED TO:

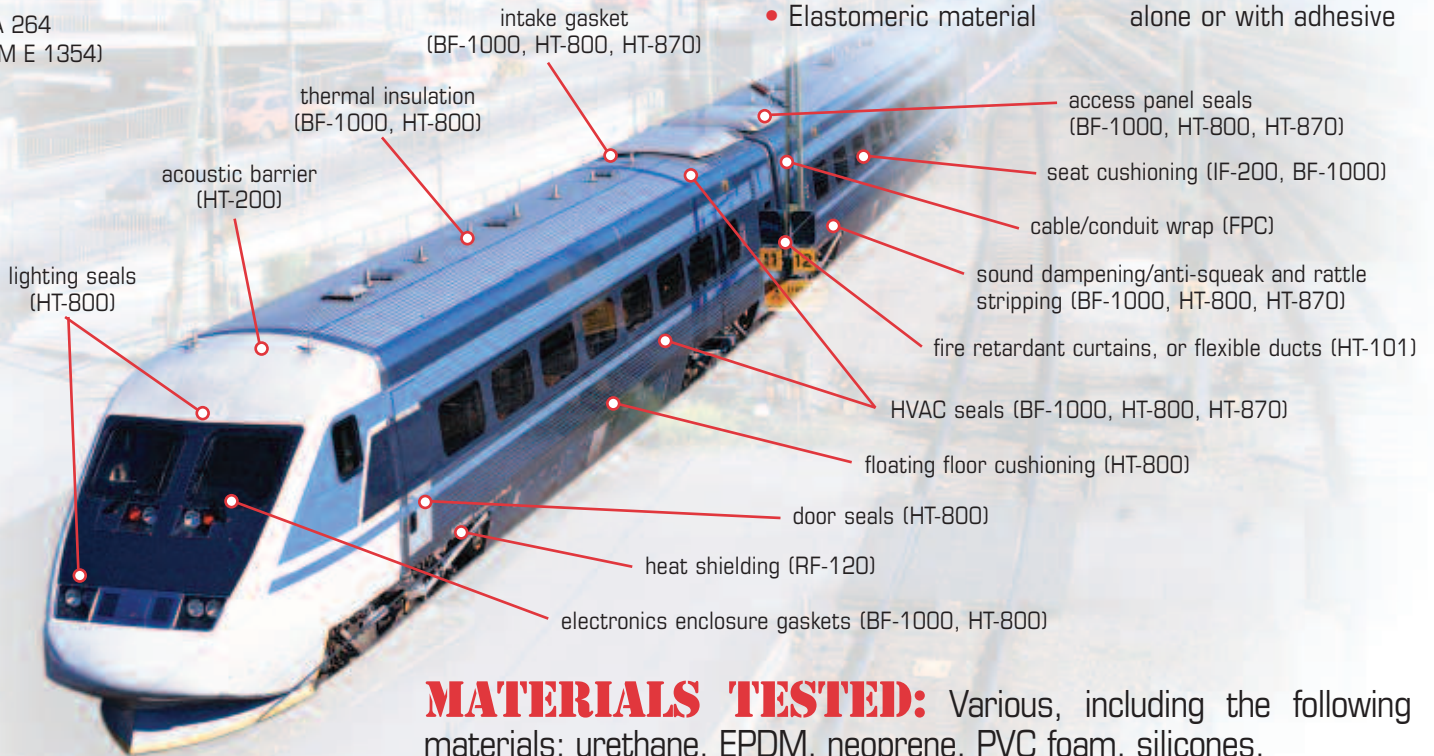
- ASTM C 542
- ASTM D 3675
- ASTM E 162
- ASTM E 648
- ASTM E 662
- NFPA 264 (ASTM E 1354)
- BS 6853
- NF F 16-101/102
- SMP 800 C

FLAME/SMOKE/TOXICITY:

- Extremely low smoke toxicity and flame spread
- Tests to the most stringent industry standards worldwide

PHYSICAL PROPERTIES/OTHER:

- Extremely high resistance to compression set
- Physical properties maintained through vehicle service life
- Elastomeric material
- Variety of materials available, providing a wide range of firmness options and colors
- Easily fabricated
- Available in material alone or with adhesive



MATERIALS TESTED: Various, including the following materials: urethane, EPDM, neoprene, PVC foam, silicones.

DESIGN SOLUTION: **BISCO Cellular Silicones** consistently met and exceeded requirements and considerations for mass transit applications, including gasketing, sealing, sound dampening, and cushioning.