

**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:

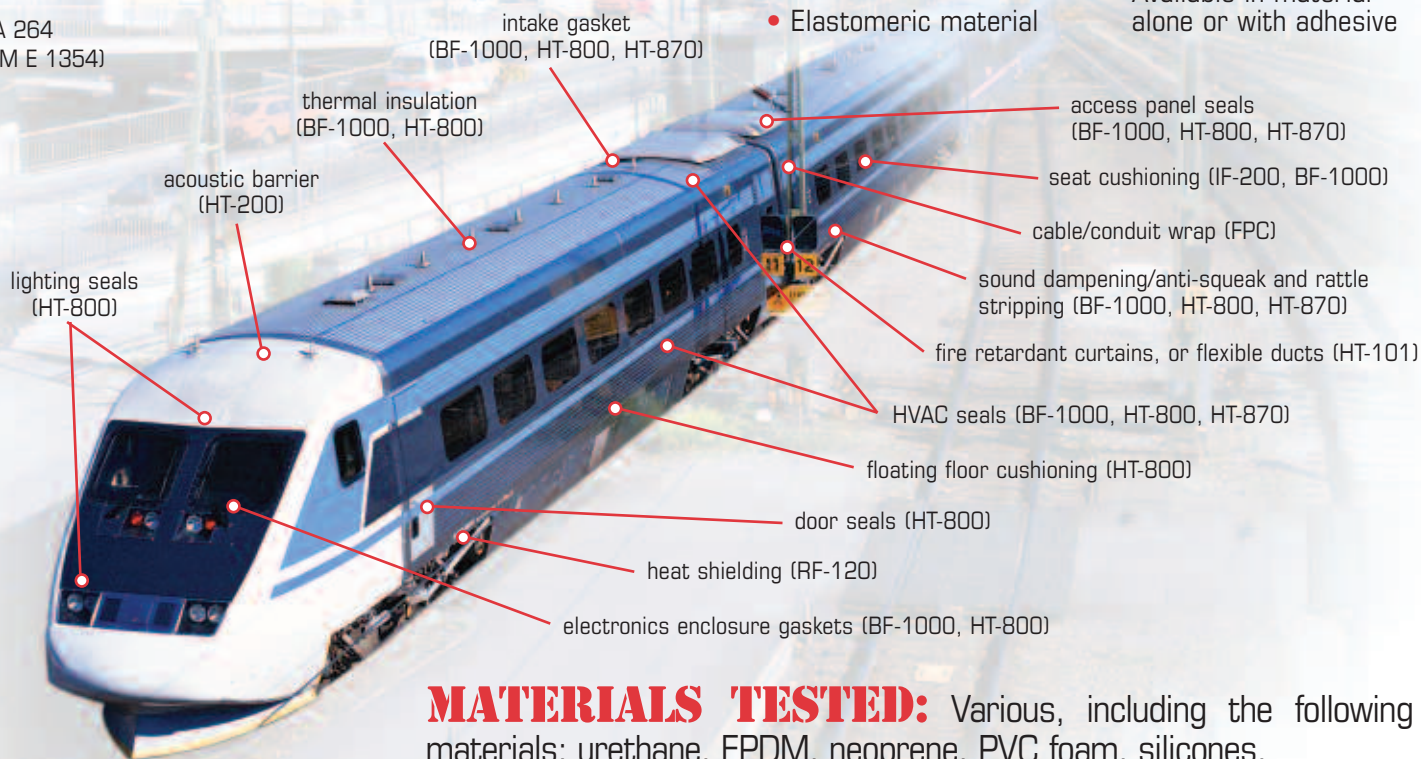
- ASTM C 542
- ASTM D 3675
- ASTM E 162
- ASTM E 648
- ASTM E 662
- NFPA 264 (ASTM E 1354)
- BS 6853
- NF F 16-101/102
- SMP 800 C

#### 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.

#### Rogers Corporation

171 West St. Charles Road, Carol Stream, IL 60188-2081  
Tel: 1-800-237-2068; 1-630-784-6200, Fax: 1-630-784-6201  
www.rogerscorporation.com

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5027-0205-PDF, **Publication 180-028 U.S.**