

Stringers and Risers

1. PROPRIETARY PRODUCT/MANUFACTURER

Proprietary Product: Resilient Stair Stringers and Risers

1.1 Manufacturer:

Johnsonite, Inc.,
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1.2 **Construction:** Johnsonite Rubber Stringers and Risers are manufactured from a proprietary thermoplastic rubber formulation designed specifically to meet the performance and dimensional requirements of ASTM F-1861, Type TP, Group 1 (solid) Standard Specification for Resilient Wall Base. Johnsonite Vinyl Stringers and Risers are formulated from a homogeneous polyvinyl chloride composition combined with high quality additives and colorants designed specifically to meet the performance and dimensional requirements of ASTM F-1861-98, Type TV, Group 1 (solid) Standard Specification for Resilient Wall Base.

1.3 Physical Characteristics:

Rubber Stringers (RS):

Size: 10" (25.4 cm) high x 6' (1.83 m) long
Thickness: .080" (2.03 mm) or .125" (3.17 mm)

Vinyl Stringers (VS):

Size: 10" (25.4 cm) high x 50' (15.24 m) long
Thickness: .080" (2.03 mm)

Rubber Risers (RR):

Sizes: 6" (15.24 cm) high x 4' (1.22 m) long
6" (15.24 cm) high x 100' (30.48 m) long
7" (17.78 cm) high x 4' (1.22 m) long
7" (17.78 cm) high x 5' (1.52 m) long
7" (17.78 cm) high x 6' (1.83 m) long
7" (17.78 cm) high x 50' (15.24 m) long
Thickness: .125" (3.17 mm)

Vinyl Risers (VR):

Sizes: 6" (15.24 cm) high x 4' (1.22 m) long
6" (15.24 cm) high x 120' (36.58 m) long
7" (17.78 cm) high x 4' (1.22 m) long
7" (17.78 cm) high x 50' (15.24 m) long
Thickness: .080" (2.03 mm)

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

2.1 **Hardness:** ASTM D 2240 - Not less than 85 Shore A

2.2 **Flexibility:** Will not crack, break, or show any signs of fatigue when bent around a 1/4" (6.35 mm) diameter cylinder.

2.3 Meets or exceeds the performance requirements for resistance to heat/light aging, chemicals, and dimensional stability when tested to the methods, as described, in ASTM F-1861.

2.4 **Fire Resistance:** ASTM E 84/NFPA 255 (Flame/Smoke) - Class B, < 450 Smoke

3. INSTALLATION

3.1 The installation of Johnsonite Stair Stringers and Risers should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive stair stringers and risers shall be clean, fully enclosed, weathertight, and maintained at a uniform temperature of at least 65° F for 24 hours before, during, and after the installation is completed. The stair stringers, risers and adhesives shall be conditioned in the same manner. Stair step and adjacent surfaces shall be smooth, flat, level, permanently dry, clean and free of all foreign material, such as dust, paint, grease, oils, solvents, curing and hardening compounds, sealers, asphalt, and old adhesive residue. Stair stringers and risers may be installed on any smooth, dry interior surface. Do not install on exterior surfaces subject to weather. Stringers and risers shall be trimmed to fit the contour of the stair step. Risers shall be trimmed to abut the bottom of the stair tread or nosing. **Do not overlap nosing of stair tread or stair nosing over resilient riser material.** Adhesives shall be uniformly applied per Johnsonite's recommendations. Stair stringers and risers shall be rolled, with a J-hand roller, after installation, to ensure proper bonding.

3.2 Adhesives:

Porous surfaces:

Johnsonite #960 Acrylic Cove Base Adhesive

Application: 1/8" square notch trowel

Coverage: approximately 160 sq ft/gallon of 6" riser;
approximately 100 sq ft/gallon of 10" stringer

Non-porous surfaces:

Johnsonite #945 Contact Bond Adhesive

Application - Brush or roller

Coverage - approximately 360 sq ft/gallon

3.3 **Installation Manual:** Refer to Johnsonite Stair Tread, Nosing, Riser, and Stringer Installation Instructions for complete installation details.

4. AVAILABILITY AND COST

4.1 Available through authorized Johnsonite distributors nationwide.

5. WARRANTY

5.1 Limited 1 year warranty. For complete details, contact Johnsonite or an authorized Johnsonite distributor.

6. MAINTENANCE

6.1 Refer to Johnsonite Stair Tread, Nosing, Riser, and Stringer Installation Instructions for complete maintenance details.

7. TECHNICAL SERVICES

7.1 Samples: Submittal samples for verification and approval available upon request from Johnsonite. Samples shall be submitted in compliance with the requirements of the Contract Documents. Accepted and approved samples shall constitute the standard materials which represent materials installed on the project.

7.2 For current Installation and Maintenance Instructions, Product Specifications, and other technical data, visit us on the web at www.johnsonite.com or contact Johnsonite at 1-800-899-8916.