

Vinyl Stair Treads

1. PROPRIETARY PRODUCT/MANUFACTURER

1.1 Proprietary Product: Resilient Vinyl Stair Treads
A.D.A., Visually-Impaired, California Title 24 Compliant

1.2 Manufacturer:

Johnsonite, Inc.,
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1.3 Proprietary Product Description

1.3.1 Construction: Johnsonite Vinyl Stair Treads are manufactured from a homogeneous composition of polyvinyl chloride (PVC), high quality additives, and colorants to meet the performance requirements of ASTM F-2169 Standard Specification for Resilient Stair Treads, Type TV, Class 2, Group 1 and 2. Johnsonite Vinyl Stair Treads are available with a 2" (5.08 cm) wide carborundum strip or co-extruded strip (VIHD only) of contrasting color to comply with A.D.A., Visually-Impaired, and California Title 24 Accessibility requirements.

Johnsonite Vinyl Stair Treads are designed for interior applications only and not recommended for commercial kitchen environments.

1.3.2 Styles:

HD & VIHD (Visually Impaired) - Heavy Duty Vinyl Stair Treads, 2" (5.08 cm) hinged square nose configuration, 1/4" (6.35 mm) tread plate thickness, 12-1/4" (31.12 cm) tread depth, 2" (5.08 cm) wide (VI) strip and nosing accent co-extruded contrasting colors.

HT & VIHT (Visually Impaired) - Safe-T-Rib Vinyl Stair Treads, 2" (5.08 cm) hinged square nose (**Sq**) configuration or 1-5/8" (4.13 cm) diameter round nose (**Rd**) configuration 1/4" (6.35 mm) to 1/8" (3.17 mm) tapered 12-1/4" (31.12 cm) tread depth, 2" (5.08 cm) wide (VI) contrasting color grit tape insert.

VIVG (Visually-Impaired) - Safe-T-Grip Vinyl Stair Treads, 2" (5.08 cm) hinged, square nose configuration, 1/4" to 1/8" tapered 12-1/4" tread depth, (6.35 mm to 3.17 mm tapered 31.12 cm tread depth), 2" (5.08 cm) wide contrasting color grit tape insert.

ST - Service Weight Vinyl Stair Treads, 2" (5.08 cm) square nose configuration or 1-9/16" (3.97 cm) diameter round nose configuration, 5/32" (3.97 mm) to 5/64" (1.9 mm) tapered 12" (30.48 cm) tread depth.

1.3.3 Physical Characteristics:

Lengths: 3', 3-1/2', 4', 6', 8', and 12'

(.91 m, 1.07 m, 1.22 m, 1.83 m, 2.44 m, and 3.66 m)

Packaging - 5 treads per carton, except 3' through 8' ST treads packaged 10 treads per carton

2. PRODUCT PERFORMANCE AND TECHNICAL DATA

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

2.2 **Abrasion Resistance:** ASTM D 3389 - 0.22 mg/cycle

2.3 **Slip Resistance:** ASTM D 2047 - Exceeds Federal Standards and ADA recommendations of .6 for flat surfaces

2.4 **Fire Resistance:**

2.4.1 ASTM E 648/NFPA 253 (Critical Radiant Flux) - Class 1

3. INSTALLATION

The installation of Johnsonite Vinyl Stair Treads should not begin until the work of all other trades has been completed, especially overhead trades. Areas to receive stair treads 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 treads and adhesives shall be conditioned in the same manner. Stair steps shall be smooth, flat, 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 Treads may be installed on any smooth, dry interior step. Do not install on exterior steps subject to weather. Stair shape shall conform closely to stair tread contour, especially where the flat part of the tread joins the nosing. An epoxy caulking nose filler shall be applied to ensure a tight fit and eliminate any open spaces between the step edge and stair tread nosing. Stair treads shall be trimmed to within 1/16" of the riser and stringer to allow for expansion. Adhesives shall be applied per Johnsonite's instructions. The stair tread and nosing portion of the stair tread shall be bonded directly to the step surface. **Do not overlap the nosing over resilient riser material.** Stair treads shall be rolled, with a J-hand roller, after installation, to ensure proper bonding.

3.1 Adhesives:

Johnsonite 965 Flooring & Tread Adhesive (water-resistant)

Important: Johnsonite 965 adhesive is substrate porosity sensitive. Determine if the substrate is porous or non-porous prior to application of the adhesive and installation of the flooring products and follow the appropriate instructions.

Porous Substrates: 1/16" square-notched trowel
(Approximately 125 sq ft /gal)

Non-Porous Substrates: 1/16" V-notched trowel
(Approximately 145 sq ft /gal)

Johnsonite 945 Contact Bond Adhesive

Application: Brush or roller

Coverage: Approx. 360 sq ft/gal

Johnsonite 930 Two-Part Epoxy Caulking Compound

Application - Gun, knife, or 13-1/2 ounce cartridge (Use Johnsonite 530 dual-cartridge dispenser gun with cartridge)

Coverage: Approx. 250 linear ft/gal or 50 linear with a 1/4" diameter bead per 13-1/2 ounce cartridge)

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.