

Nashua®

TAPE PRODUCTS
Professionals' Choice

HVAC Tapes Catalog



LOOK FOR PRODUCTS WITH



Contributes toward
LEED® Certification Credits.



IBERRY
PLASTICS
CORPORATION
AND SUBSIDIARIES
LEADERSHIP BY DESIGN

Professionals' Choice

For generations of contractors, **Nashua**® Tape Products has been the industry leader and first choice of HVAC professionals for sealing and insulating heating, ventilating and air conditioning systems in residential and commercial construction. The power of Nashua tapes is in the unique combination of quality, value and proven performance. Engineered to meet the strict requirements of UL, SMACNA, and USGBC codes and to provide long term performance on all types of HVAC duct systems, Nashua provides a comprehensive, code-compliant product line. Nashua is committed to designing and producing high quality materials that contribute to HVAC system integrity, energy efficiency and occupant health.



Look for these important symbols throughout the catalog indicating LEED contribution products. Learn more about LEED and how Nashua products can contribute on page 5.

Table of Contents

UL Listed Products	1
Foil and Insulation Tapes	2
Mastic Tapes	2-3
Cloth Tapes	3-4
Film Tapes	4
Adhesives and Sealants	5
Plumbing and Electrical Tapes	6
Packaging Tapes	7
Masking Tapes	7
Building and Construction Tapes	8
Safety Tapes	9
Warranty, Shelf Life and Storage	9

Test Methods

TEST	METHODS
Thickness	ASTM D-1000
Adhesion To Steel	PSTC-101 (*ASTM D903-93)
Tensile	ASTM D-1000
Elongation	ASTM D-1000

Standard Case Packs

1IN (24MM)	48 ROLLS
2IN (48MM)	24 ROLLS
2.5IN	16 ROLLS
3IN (72MM)	16 ROLLS
4IN	12 ROLLS
6IN	8 ROLLS

UL181 Reference Guide

UL 181A

Tapes and mastics used to seal ductwork listed and labeled in accordance with UL181A shall be marked "181A-P" for pressure sensitive tape, "181A-M" for mastic or "181A-H" for heat sensitive tape.

2009 International Mechanical Code (Section 603.9)

For Factory Made Rigid Ducts or Air Connectors

UL 181A - 3rd Edition (Section 1.1)

Must use an aluminum tape with a minimum width of 2.5".

UL 181A - 3rd Edition (Section 6.1)

Tape must be marked with Manufacturer's Name and Model.

UL 181A - 3rd Edition (Section 15.1)

Tape must be marked with "181A-P".

UL 181A - 3rd Edition (Section 15.1)

Tape must be marked with certification mark.

UL 181A - 3rd Edition (Section 15.1)

UL 181A-P Tapes

Nashua® 324A Cold weather

UL 181B

Tapes and mastics used to seal flexible air ducts and flexible air connectors shall comply with UL 181B and shall be marked "181B-FX" for pressure sensitive tape, "181B-M" for mastic.

2009 International Mechanical Code (Section 603.9)

For Factory Made Flexible Air Ducts or Air Connectors

UL 181B - 2nd Edition (Section 1.1)

Tapes must have a minimum width of 1 7/8".

UL 181B - 2nd Edition (Section 7.1)

Tape must be marked with Manufacturer's Name and Model.

UL 181B - 2nd Edition (Section 14.1)

Tape must be marked with "181B-FX".

UL 181B - 2nd Edition (Section 14.1)

Tape must be marked with certification mark.

UL 181B - 2nd Edition (Section 14.1)

UL 181B-FX Tapes

Nashua® 324A Cold weather

Nashua® 557

Nashua® 558CA

Nashua® 367-17 FoilMastic™

Berry Plastics 555 FlexFix™

RIGID SHEET METAL DUCTS - Currently, there is no UL requirement for use of tape on rigid sheet metal ducts. Both plain or UL marked foil tapes are acceptable. The following Nashua tapes have a proven track record of providing air-tight seals: 324A, 330X, 322, 327 and 367-17. Nashua 367-17 has been independently verified by the SMACNA Testing and Research Institute for performance on rigid sheet metal ducts up to 10in w.g. pressure class.

25 Forge Parkway • Franklin, MA 02038 • Phone 508.918.1600 • Fax 508.918.1901 • tapes.berryplastics.com

UL Listed Tapes (Printed)

Nashua 324A UL181A-P & B-FX Listed



Backing: 2.1 mil Printed Aluminum Foil
Adhesive: High Performance Acrylic
Outstanding performance in both cold and hot weather. Excellent conformability. Instant adhesion and superior quick stick. Mold-resistant. **Low VOC.**

Uses: Premium performance foil tape for joining and sealing rigid fiberglass duct board and Class 1 Flexible Duct. **UL181A-P & 181B-FX Listed.**

Thickness: 4.8 mils (121.92 mic)
Adhesion to Steel: 68 oz/in (7.44 N/cm)
Tensile: 23 lb/in (40.28 N/cm)
Operating Temperature: 20° - 325° F
Standard Sizes: 2.5in, 72mm x 55M

Nashua 557 UL181B-FX Listed



Backing: Printed PE-Coated Cloth
Adhesive: Rubber
High adhesion and tensile strength. Crisp, straight tear. Resists twisting and curling. Mold resistant. **Low VOC.**

Uses: Premium performance duct tape designed to seal, seam, and join Class 1 Flexible Duct. **UL181B-FX Listed.**

Thickness: 14 mils (355.6 mic)
Adhesion to Steel: 45 oz/in (4.93 N/cm)
Tensile: 29 lb/in (50.79 N/cm)
Operating Temperature: 30° - 200° F
Colors: Black, Silver, Metallic
Standard Sizes: 48mm, 2.5in, 72mm x 55M

Nashua 558CA UL181B-FX Listed



Backing: Printed PE-Coated Cloth
Adhesive: Rubber
High adhesion and tensile strength. Crisp, straight tear. Resists twisting and curling. Specially designed adhesive forms stronger bond to duct surfaces over time. Mold resistant. **Low VOC.**

Uses: Premium performance duct tape designed to seal, seam, and join Class 1 Flexible Duct. **UL181B-FX listed.** Recommended in the 2009 California Residential Compliance Manual.

Thickness: 14 mils (355.6 mic)
Adhesion to Steel: 40 oz/in (4.38 N/cm)
Tensile: 50 lb/in (87.56 N/cm)
Operating Temperature: 20° - 230° F
Colors: Metallic
Standard Sizes: 48mm x 55M

Nashua 367-17 FoilMastic™ UL181B-FX



Backing: 2 mil Printed Aluminum Foil
Adhesive: Butyl Rubber
Provides a watertight, pressure resistant seal. Resistant to cold, heat, water and sunlight. Allows initial repositioning. Mold-resistant. **Low VOC.**

Uses: Indoor/outdoor seal for low, medium, and high pressure flexible duct and rigid sheet metal duct systems. **Passes SMACNA 2", 4" and 10" w.g. pressure. UL181B-FX Listed.**

Thickness: 17 mils (431.8 mic)
Adhesion to Steel: 90 oz/in (9.85 N/cm)
Tensile: 23 lb/in (40.28 N/cm)
Operating Temperature: 30° - 200° F
Standard Sizes: 2in, 3in x 100Ft

Berry Plastics 555 FlexFix™ UL181B-FX



Backing: Printed OPP Film
Adhesive: Acrylic
Excellent tensile and shear properties. High Adhesion. Mold resistant. **Low VOC.**

Uses: Seals Class 1 flexible duct and connectors. Adheres well to foam pipe and bubblewrap insulation materials. **UL181B-FX Listed.**

Thickness: 3.1 mils (78.74 mic)
Adhesion to Steel: 45 oz/in (4.93 N/cm)
Tensile: 34 lb/in (59.54 N/cm)
Operating Temperature: 10° - 210° F
Colors: Black, Metallic
Standard Sizes: 48mm x 110M, 3in x 110M

Did you know...? Leaky duct work can account for up to 30% of heating and cooling costs? Or that duct leakage of only 20% of air flow can reduce your systems' efficiency by up to 50%? Ensuring energy efficiency doesn't have to be difficult, time consuming or expensive. Simply using a UL181 rated tape to seal critical areas can save time, energy and money!

SEAL THESE CRITICAL AREAS FROM HIGH TO LOW

- Disconnected Components
- Connections Between the Air Handling Unit and the Plenums
- All Seams in the Air Handling Unit, Plenums and Rectangular Ducts – Especially in Hard to Reach Areas
- Return Takeoffs, Boots, and Other Connections
- Joints Between Sections of Branch Ducts
- Longitudinal Seams in Round Metal Ducts

Plain Foil Tapes

Nashua 322 Multi-Purpose



Backing: 2 mil Aluminum Foil
Adhesive: Synthetic Rubber
Exceptional quick-stick. Conformable foil backing. Easy to use and install. **UL 723 Classified. Low VOC.**

Uses: Seal duct work for heating, air conditioning, and refrigeration systems. Insulation seaming and patching.

Thickness: 5 mils (127 mic)
Adhesion to Steel: 130 oz/in (14.23 N/cm)
Tensile: 15 lb/in (26.27 N/cm)
Operating Temperature: 30° - 200° F
Standard Sizes: 48mm, 72mm x 46M



Nashua 314 Cooler Repair Tape



Backing: Embossed Foil Laminate
Adhesive: High Performance Acrylic
Exceptional cold weather performance. Moisture and Mold Resistant. Zero permeability. Tear and puncture resistant. **Tested in accordance with UL 723 Classified. Low VOC.**

Uses: Seals seams, corners, and cracks against air leakage in refrigerated units and walk-in coolers. Insulation seaming and patching.

Thickness: 10.2 mils (259.1mic)
Adhesion to Steel: 100 oz/in (10.95 N/cm)
Tensile: 70 lb/in (122.58 N/cm)
Operating Temperature: 30° - 270° F
Standard Sizes: 4in x 15Yd
Colors: White, Aluminum



Nashua 330X Extreme Weather



Backing: 1.75 mil Aluminum Foil
Adhesive: High Performance Acrylic
Exceptional performance in all temperature environments. Conformable foil backing. Easy to use. Mold Resistant. High Tack. **UL 723 Classified. Low VOC.**

Uses: Seal duct work for heating, air conditioning, and refrigeration systems. Insulation seaming and patching. Specifically designed for extreme cold temperature applications.

Thickness: 3.5 mils (88.9 mic)
Adhesion to Steel: 55 oz/in (6.02 N/cm)
Tensile: 14 lb/in (24.52 N/cm)
Operating Temperature: 35° - 260° F
Standard Sizes: 48mm, 72mm x 46M



Insulation Tapes

Nashua FSK Foil-Scrim-Kraft



Backing: Foil/Scrim/Kraft
Adhesive: Synthetic Rubber
Excellent adhesion to substrates. Diamond pattern matches most FSK boards and blankets. Tear resistant. Mold-resistant. **Tested in accordance with UL 723. Low VOC.**

Uses: Seal and patch FSK duct boards and blankets to provide extra strength and maintain vapor barrier integrity.

Thickness: 8 mils (203.2 mic)
Adhesion to Steel: 70 oz/in (7.66 N/cm)
Tensile: 35 lb/in (61.29 N/cm)
Operating Temperature: 30° - 200° F
Standard Sizes: 48mm, 72mm x 46M



Nashua ASJ All-Service Jacketing



Backing: Bleached Kraft/Scrim/Foil
Adhesive: All-weather Acrylic
Excellent adhesion to substrates. Diamond pattern matches most ASJ boards and blankets. Tear resistant. **Tested in accordance with UL 723. Low VOC.**

Uses: Seal and patch ASJ duct boards and blankets to provide extra strength and maintain vapor barrier integrity.

Thickness: 8.8 mils (223.52 mic)
Adhesion to Steel: 50 oz/in (5.47 N/cm)
Tensile: 50 lb/in (87.56 N/cm)
Operating Temperature: 0° - 325° F
Standard Sizes: 72mm x 46M



Nashua 438 Extreme Weather FSK



Backing: Foil/Scrim/Kraft
Adhesive: High Performance Acrylic
Excellent adhesion to substrates. Diamond pattern matches most FSK boards and blankets. Tear resistant. Mold-resistant. **UL723 Classified. Low VOC.**

Uses: Seal and patch FSK duct boards and blankets to provide extra strength and maintain vapor barrier integrity. Specifically designed for extreme cold temperature conditions.

Thickness: 6.0 mils (152.4 mic)
Adhesion to Steel: 75 oz/in (8.21 N/cm)
Tensile: 30 lb/in (52.54 N/cm)
Operating Temperature: 35° - 260° F
Standard Sizes: 72mm x 46M



Berry Plastics 822 PVC Jacketing Tape

Backing: Embossed Vinyl
Adhesive: High Performance Acrylic
Strong and conformable. Plasticizer resistant. Excellent adhesion.

Uses: Seaming vinyl-faced fiberglass insulation and water heater insulation.

Thickness: 5 mils (127 mic)
Adhesion to Steel: 57oz/in (6.24 N/cm)
Tensile: 9.9 lb/in (17.34 N/cm)
Operating Temperature: 35° - 260° F
Standard Sizes: 3in x 50Yd



Mastic Tapes

Nashua 327 Mastic Tape



Backing: 2 mil Printed Aluminum Foil
Adhesive: Butyl Rubber
 Forms instant, permanent water-tight bond. Excellent resistance to low temperatures, water, and sunlight. Extremely conformable. **Low VOC.**

Uses: Indoor/outdoor sealing of rigid sheet metal HVAC duct systems. Seal cracks and seams in gutters, trailers, shipping containers, and other metal buildings and structures.

Thickness: 17 mils (431.8 mic)
Adhesion to Steel: 200 oz/in (21.89 N/cm)
Tensile: 16 lb/in (28.02 N/cm)
Operating Temperature: 30° - 200° F
Standard Sizes: 2in, 3in x 100Ft

Nashua 367-17 FoilMastic™ UL181B-FX



Backing: 2 mil Printed Aluminum Foil
Adhesive: Butyl Rubber
 Provides a watertight, pressure-resistant seal. Resistant to cold, heat, water and sunlight. Allows initial repositioning. Mold-resistant. **Low VOC.**

Uses: Indoor/outdoor seal for low, medium, and high pressure flexible duct and rigid sheet metal duct systems. **Passes SMACNA 2", 4" and 10" w.g. pressure. UL181B-FX Listed.**

Thickness: 17 mils (431.8 mic)
Adhesion to Steel: 90 oz/in (9.85 N/cm)
Tensile: 23 lb/in (40.28 N/cm)
Operating Temperature: 30° - 200° F
Standard Sizes: 2in, 3in x 100Ft

Cloth Tapes

Nashua 308 Utility Grade



Backing: PE-Coated Cloth
Adhesive: Rubber
 High tack adhesive. Crisp, straight tear. Easy to tear by hand. Resists twisting and curling. **Low VOC.**

Uses: Bundling, packaging, seaming, and general repairs.

Thickness: 8.0 mils (203.2 mic)
Adhesion to Steel: 36 oz/in (3.94 N/cm)
Tensile: 18 lb/in (31.52 N/cm)
Operating Temperature: 30° - 200° F
Colors: Silver
Standard Sizes: 48mm, 72mm x 55M

Nashua 2280 Multi-Purpose Grade



Backing: PE-Coated Cloth
Adhesive: Rubber
 Excellent balance of tensile strength and tearability. Aggressive adhesion to rough surfaces. **Tested in accordance with UL 723. Low VOC.**

Uses: Bundling, packaging, seaming, and general repairs. Great for use in plumbing applications. Color Coding.

Thickness: 9 mils (228 mic)
Adhesion to Steel: 50 oz/in (5.47 N/cm)
Tensile: 24 lb/in (42.03 N/cm)
Operating Temperature: 30° - 200° F
Colors: Sil, Blk, Red, Blu, Wht, Grn, Yel
Standard Sizes: 48mm, 72mm x 55M

Nashua 300 Multi-Purpose Grade



Backing: PE-Coated Cloth
Adhesive: Rubber
 Conforms well to irregular surfaces. High adhesion. Crisp, straight tear. Resists twisting and curling. **Tested in accordance with UL 723. Low VOC.**

Uses: Leading multi-purpose duct tape. Thick adhesive provides strong bond for general bundling and repair.

Thickness: 10 mils (254 mic)
Adhesion to Steel: 46 oz/in (5.03 N/cm)
Tensile: 23 lb/in (40.28 N/cm)
Operating Temperature: 30° - 200° F
Colors: Silver, Black
Standard Sizes: 48mm, 72mm x 55M

Nashua 396 Multi-Purpose Grade



Backing: PE-Coated Cloth
Adhesive: Rubber
 Conforms well to irregular surfaces. High adhesion. Crisp, straight tear. Resists twisting and curling. **Tested in accordance with UL 723. Low VOC.**

Uses: Leading multi-purpose duct tape. Thick adhesive provides strong bond for general bundling and repair.

Thickness: 10 mils (254 mic)
Adhesion to Steel: 46 oz/in (5.03 N/cm)
Tensile: 23 lb/in (40.28 N/cm)
Operating Temperature: 30° - 200° F
Colors: Silver, Black
Standard Sizes: 48mm, 72mm x 55M

Nashua 398 Professional Grade

Also Available Printed (Sil)



Backing: PE-Coated Cloth
Adhesive: Rubber
 Excellent balance of tensile strength and tearability. Aggressive adhesion to rough surfaces. Resists twisting and curling. **Tested in accordance with UL 723. Low VOC.**

Uses: Aggressive adhesive and durable backing provides long-term, heavy-duty sealing and seaming for HVAC applications. Color coding.

Thickness: 11 mils (279.4 mic)
Adhesion to Steel: 47 oz/in (5.14 N/cm)
Tensile: 27 lb/in (47.28 N/cm)
Operating Temperature: 30° - 200° F
Colors: Sil, Blk, Wht, Blu, Grn, Bur, OD, Red, Yel
Standard Sizes: 48mm, 72mm x 55M

Nashua 345 Professional Grade



Backing: PE-Coated Cloth
Adhesive: Rubber
 Conforms well to irregular surfaces. High adhesion. Crisp, straight tear. Resists twisting and curling. **Tested in accordance with UL 723. Low VOC.**

Uses: Premium waterproof, professional grade duct tape designed for seaming, repairing, and patching HVAC applications.

Thickness: 12 mils (304.8 mic)
Adhesion to Steel: 48 oz/in (5.25 N/cm)
Tensile: 28 lb/in (49.04 N/cm)
Operating Temperature: 30° - 200° F
Colors: Silver, Black
Standard Sizes: 48mm, 72mm x 55M

Cloth Tapes (cont.)

Nashua 354 Premium Grade



Backing: PE-Coated Cloth
Adhesive: Rubber
High adhesion. Crisp, straight tear. Resists twisting and curling. **Tested in accordance with UL 723. Low VOC.**

Uses: Heating, air conditioning, ventilating, and refrigeration applications. Sealing of seams and joints in metal air handling systems. Manufacture of flexible duct equipped with metal collars.

Thickness: 13 mils (330.20 mic)
Adhesion to Steel: 50 oz/in (5.47 N/cm)
Tensile: 29 lb/in (50.79 N/cm)
Operating Temperature: 30° - 200° F
Colors: Silver, Black
Standard Sizes: 48mm, 72mm x 55M

Nashua 365 Metallized Duct Tape



Backing: Metallized Coated Cloth
Adhesive: Rubber
Excellent balance of tensile strength and tearability. Aggressive adhesion to rough surfaces. Resists twisting and curling. **Low VOC.**

Uses: Duct and joint sealing. Used for sealing where metallic finish is desired.

Thickness: 11 mils (279.4 mic)
Adhesion to Steel: 55 oz/in (6.02 N/cm)
Tensile: 23 lb/in (40.28 N/cm)
Operating Temperature: 30° - 200° F
Standard Sizes: 48mm, 72mm x 55M

Nashua 357 Premium Grade

Also Available Printed (Sil)



Backing: PE-Coated Cloth
Adhesive: Rubber
High adhesion and tensile strength for challenging applications. Crisp, straight tear. Resists twisting and curling. Puncture and abrasion resistant. **Tested in accordance with UL 723. Low VOC.**

Uses: The industry standard. Waterproof premium duct tape used for sealing HVAC systems and making general repairs that require strong, lasting hold.

Thickness: 13 mils (330.20 mic)
Adhesion to Steel: 55 oz/in (6.02 N/cm)
Tensile: 45 lb/in (78.81 N/cm)
Operating Temperature: 30° - 200° F
Colors: Sil, Blk, Red, OD, Wht
Standard Sizes: 48mm, 72mm x 55M

Nashua 510 Premium Gaffer's Tape



Backing: Matte-Finish Coated Cloth
Adhesive: Rubber
Moisture-resistant, matte finish backing. Provides clean removal from a variety of surfaces. Clean, crisp, straight tear. Abrasion resistant. **Low VOC.**

Uses: Indoor/Outdoor wire hold down and bundling, color coding, or general repairs.

Thickness: 11.5 mils (292.10 mic)
Adhesion to Steel: 50 oz/in (5.47 N/cm)
Tensile: 42 lb/in (73.55 N/cm)
Operating Temperature: 30° - 200° F
Colors: Black, Gray, White
Standard Sizes: 48mm, 72mm x 55M

Film Tapes

Berry Plastics 555 FlexFix™ UL181B-FX



Backing: Printed OPP Film
Adhesive: Acrylic
Excellent tensile and shear properties. High Adhesion. Resists lifting and flagging. Mold resistant. **Low VOC.**

Uses: Seals Class 1 flexible duct and connectors. Adheres well to foam pipe and bubblewrap insulation materials. **UL181B-FX Listed.**

Thickness: 3.1 mils (78.74 mic)
Adhesion to Steel: 45 oz/in (4.93 N/cm)
Tensile: 34 lb/in (59.54 N/cm)
Operating Temperature: 10° - 210° F
Colors: Black, Metallic
Standard Sizes: 48mm x 110M, 3in x 110M

Berry Plastics 444 Line Set Tape



Backing: OPP Film
Adhesive: Acrylic
UV Resistant. Excellent tensile and shear properties. High Adhesion. Resists lifting and flagging. Mold resistant. Available Printed or Unprinted. **Low VOC.**

Uses: Designed specifically for wrapping and protecting outdoor line sets for heating, ventilation, and cooling systems.

Thickness: 3.0 mils (76.2 mic)
Adhesion to Steel: 45 oz/in (4.93 N/cm)
Tensile: 32 lb/in (56.04 N/cm)
Operating Temperature: 10° - 210° F
Colors: Black (Printed or Unprinted)
Standard Sizes: 48mm x 55M

Adhesives and Sealants

Nashua 398 Multi-Purpose Spray Adhesive



Rubber-Based Aerosol Spray Adhesive
Spray Pattern: Lace
Low-VOC formulation. High shear strength.
Good coverage. Moisture resistant.

Uses: Permanent or temporary bonds for bonding labels, paper, cardboard, fabric, urethane foam, foil, wood, and more. Bonds PE to concrete block, wood, and other challenging surfaces.

Color: Water White
% Solids: 10%
VOC Content: <55%
Maximum Operating Temperature: 180° F

Nashua 357 Premium Spray Adhesive



Rubber-Based Aerosol Spray Adhesive
Spray Pattern: Lace
Low-VOC formulation. Fast skin, fast grab.
Low soak-in. Good UV, moisture and oxidation resistance.

Uses: Temporary and permanent bonding. Bonds foils and metals to fibrous and paper insulation, fabrics, leather, rubber, and wood to various other substrates. Prime surfaces for flashing tape or pipe wrap installation.

Color: Water White
% Solids: 28%
VOC Content: <55%
Maximum Operating Temperature: 180° F

1027 Brush-on Primer





Butyl-Based Brush-On Primer
Non-toxic, Non-polluting. Easy to apply.
Dries to a uniform, slightly tacky surface.

Uses: Prime pipe surfaces prior to tape wrapping in corrosion protection applications. Prime surfaces for flashing tape installation particularly for OSB, brick, gypsum board, or concrete.

Color: Black
% Solids: 30%
Solvent: V M and P Naptha
VOC Content: 4.9 lb/gallon
Maximum Operating Temperature: 185° F
Standard Sizes: 1 Qt or 1 Gal Pail

Did you know...? LEED (Leadership in Energy and Environmental Design) was developed by the United States Green Building Council in 1998 as a rating system for ingreenin buildings. Buildings can be certified LEED, LEED Silver, LEED Gold, or LEED Platinum. The certification is based on points accumulated across six major factors: Sustainable Sites, Energy & Atmosphere, Materials & Resources, Indoor Environmental Quality, Water Efficiency, and Innovation. Each of these factors has many sub categories.

NASHUA products with the  symbol can help contribute toward points in LEED building projects for two of these factors. Under the "Energy & Atmosphere" standards, these products can help contribute towards the overall energy efficiency of the building. At the same time, these products contain low to zero VOCs, or volatile organic compounds, helping contribute towards a credit under "Indoor Environmental Quality". Look for the  symbol for products that can contribute to the "Indoor Environmental Quality" credit only.

Plumbing and Electrical Tapes

711 Utility Pipe Wrap Tape

Backing: PVC Film
Adhesive: Rubber
Tough and conformable. Excellent bond to most surfaces. Excellent moisture and solvent resistance. Moderate UV resistance.

Uses: Utility wrapping of above and underground pipes. Industrial assembly. Use with Polyken Brush-On Primers. Meets UPC, ANSI, and IAPMO standards.

Thickness: 10 mils (254 mic)
Adhesion to Steel: 15 oz/in (1.60 N/cm)
Tensile: 20 lb/in (35 N/cm)
Operating Temperature: 30° - 140° F
Colors: Printed Black
Standard Sizes: 48mm x 30M



826 Corrosion Control Tape

Backing: Polyethylene
Adhesive: Butyl Rubber
Excellent conformability. Aggressive permanent adhesive performs over a wide temperature range. Moisture resistant.

Uses: Interior, exterior and in-ground corrosion protection of small diameter pipe. Use with Polyken Brush-on primers.

Thickness: 12 mils (304.8 mic)
Adhesion to Steel: 40 oz/in (4.38 N/cm)
Tensile: 25 lb/in (43.78 N/cm)
Operating Temperature: 30° - 140° F
Colors: Black, Yellow
Standard Sizes: 2in, 4in, 6in x 100Ft



Nashua Stretch and Seal™

Self-Fusing Silicone Tape
High temperature resistance. Bonds well even in wet conditions. Excellent abrasion resistance and dielectric strength. Leaves no residue. UL 510 Listed.

Uses: Wrapping applications including electrical, light-duty pipe wrapping, and waterproofing. Meets A-A-59163 Type I and II.

Thickness: 20 mils (508 mic)
Tensile: 800psi
Elongation: 300%
Dielectric Strength: 8000V
Operating Temperature: 60° - 500° F
Colors: Black, Clear, Red, Blue
Standard Sizes: 1in x 10Ft



777 and B17 PVC Electrical Tape

Backing: PVC
Adhesive: Rubber
All purpose electrical tape suitable for a wide range of applications. UL 510 Listed.

Uses: Wrapping and splicing applications for electrical wires.

Thickness: 7 mils (508 mic)
Adhesion to Steel: 20 oz/in (2.2 N/cm)
Tensile: 18 lb/in (31.53 N/cm)
Elongation: 200%
Dielectric Strength: 600V (Blk), 9500V(Colors)
Operating Temperature: 40° - 176° F
Colors: Blk, Blu, Brn, Grn, Red, Yel, Org, Wht, Gry
Standard Sizes: .75in x 60Ft, .75in x 66Ft



823 Premium PE Electrical Tape

Backing: Polyethylene
Adhesive: Rubber
Superior extreme weather performance including sub-zero conditions. Provides maximum electrical insulation properties (11500V). Solvent and moisture resistant. UL 510 Listed.

Uses: Electrical and maintenance applications where PVC materials are not permitted. Wrapping and waterproofing wire harnesses.

Thickness: 9.5 mils (241.3 mic)
Adhesion to Steel: 31 oz/in (3.39 N/cm)
Tensile: 17 lb/in (29.77 N/cm)
Operating Temperature: 40° - 180° F
Colors: Black
Standard Sizes: 1in x 36Yd



509W/510W/513W PTFE Threadseal Tape

Non-Adhesive Teflon Film
High temperature resistance. Easy to use. Domestic and Imported options available. Meets Military Spec A-A 58092.

Uses: Self-lubricates joints and pipe ends making them easy to assemble and disassemble for a leak-proof seal.

Thickness: 3.5 mils (88.9 mic)
Operating Temperature: 450° - 500° F
Colors: White
Standard Sizes: 1/2in, 3/4in x 260in; 1/2in, 3/4in x 520in



Packaging Tapes

803 Utility Grade Carton Sealing Tape



Backing: BOPP Film
Adhesive: Synthetic Rubber
 High tack synthetic rubber adhesive. Superior quick stick. Good all-temperature performance.

Uses: Sealing of lightweight boxes subjected to normal shipping hazards. Ideal for hand application.

Thickness: 1.6 mils (40.64 mic)
Adhesion to Steel: 44 oz/in (4.82 N/cm)
Tensile: 22 lb/in (38.53 N/cm)
Operating Temperature: 30° - 120° F
Colors: Clear
Standard Sizes: 48mm x 50M or 100M

813M Multi-Purpose Carton Sealing Tape



Backing: BOPP Film
Adhesive: Synthetic Rubber
 High tack synthetic rubber adhesive. Superior quick stick. Good all-temperature performance.

Uses: Sealing of light to medium weight boxes subjected to normal shipping hazards.

Thickness: 1.9 mils (48.26 mic)
Adhesion to Steel: 46 oz/in (5.03 N/cm)
Tensile: 22 lb/in (38.53 N/cm)
Operating Temperature: 30° - 120° F
Colors: Clear
Standard Sizes: 48mm x 50M or 100M

704 Utility Grade Filament/Strapping Tape



Backing: Filament-Reinforced BOPP Film
Adhesive: Synthetic Rubber
 Low-odor adhesive. Excellent adhesion to surfaces including corrugate and stretch film. Superior tensile strength.

Uses: Light-duty strapping, palletizing and packaging applications.

Thickness: 3.9 mils (99.06 mic)
Adhesion to Steel: 69 oz/in (7.55 N/cm)
Tensile: 100 lb/in (175.12 N/cm)
Operating Temperature: 30° - 120° F
Colors: White
Standard Sizes: 12, 18, and 24mm x 55M

705 Multi-Purpose Filament/Strapping Tape



Backing: Filament-Reinforced BOPP Film
Adhesive: Synthetic Rubber
 Low-odor adhesive. Excellent adhesion to surfaces including corrugate and stretch film. Superior tensile strength.

Uses: Medium and heavy-duty strapping, palletizing and packaging applications.

Thickness: 4.3 mils (109.22 mic)
Adhesion to Steel: 70 oz/in (7.66 N/cm)
Tensile: 156 lb/in (273.20 N/cm)
Operating Temperature: 30° - 120° F
Colors: White
Standard Sizes: 18, 24, and 48 x 55M

Masking Tapes

Nashua MT100 Utility Grade Masking Tape



Backing: Crepe Paper
Adhesive: Rubber
 Offers up to 24 hours clean removal. Conforms well to irregular surfaces and shapes. Adheres well to a variety of substrates.

Uses: Bundling, labeling, packaging, general household and office uses.

Thickness: 4.8 mils (121.92 mic)
Adhesion to Steel: 42 oz/in (4.6 N/cm)
Tensile: 16 lb/in (28.02 N/cm)
Operating Temperature: 30° - 150° F
Colors: Natural
Standard Sizes: 18, 24, 36, and 48mm x 55M

Nashua MT300 Multi-Purpose Masking Tape



Backing: Crepe Paper
Adhesive: Rubber
 Offers 1-3 days clean removal. Conforms well to irregular surfaces and shapes. Adheres well to a variety of substrates.

Uses: Painting, bundling, labeling, packaging, and more. Suitable for indoor and outdoor use.

Thickness: 6.0 mils (152.4 mic)
Adhesion to Steel: 38 oz/in (4.16 N/cm)
Tensile: 22 lb/in (38.53 N/cm)
Operating Temperature: 30° - 180° F
Colors: Natural
Standard Sizes: 18, 24, 36, 48mm x 55M

Nashua 140B 14-Day Painter's Masking



Backing: Crepe Paper
Adhesive: Rubber
 UV Resistant - Provides clean removal for up to 14 days. Resists most paints and varnishes. Excellent conformability.

Uses: Masking surfaces and securing PE sheeting in professional painting and cleaning applications. Suitable for indoor or outdoor use.

Thickness: 5.3 mils (134.62 mic)
Adhesion to Steel: 25 oz/in (2.74 N/cm)
Tensile: 24 lb/in (42.03 N/cm)
Operating Temperature: 30° - 130° F
Colors: Blue
Standard Sizes: 18, 24, 36, 48mm x 55M

Building and Construction Tapes

626-20 Foilastic™ Window Flashing



Backing: Printed 2 mil Aluminum Foil
Adhesive: Butyl Rubber with Paper Liner
Withstands outdoor UV exposure indefinitely.
Pliable in high and low temperatures. Compatible
with most caulking and sealants. **Low VOC.**

Uses: Permanent bond for window and door installations,
cornerboard abutments, sidewall sheathing seams,
deck-to-wall joints and other exterior areas to
prevent water infiltration. **Meets AAMA 711-07.**

Thickness: 20 mils (508 mic)
Adhesion (Plywood)*: >6 lb/in (10.51 N/cm)
Tensile (MD): 800psi (5512 kN/sm)
Application Temperature: 30° - 180° F
Standard Sizes: 4in, 6in and 9in x 100Ft

626-35 Foilastic™ Roof Flashing



Backing: 2 mil Aluminum Foil
Adhesive: Butyl Rubber with PE Liner
Withstands outdoor UV exposure indefinitely.
Pliable in high and low temperatures. Compatible
with most caulking and sealants. **Low VOC.**

Uses: Permanent bond for roof ridge and
hiplines, window and door installations, skylight
and dormer installations and other exterior areas
to prevent water infiltration. **Meets AAMA 711-07.**

Thickness: 35 mils (889 mic)
Adhesion (Plywood)*: >12.3 lb/in (21.54 N/cm)
Tensile (MD): 445 psi (3066 kN/sm)
Application Temperature: 30° - 180° F
Standard Sizes: 4in, 6in and 9in x 50Ft

627-20 Shadowlastic™ Plus Window Flashing



Backing: Printed Woven Polyolefin
Adhesive: Butyl Rubber with Paper Liner
Withstands outdoor UV exposure for up to 3 years.
Pliable in high and low temperatures. Compatible
with most caulking and sealants. **Low VOC.**

Uses: Permanent bond for window and door
installations, cornerboard abutments, sidewall
sheathing seams, deck-to-wall joints and other
exterior areas to prevent water infiltration. **Meets
AAMA 711-07.**

Thickness: 20 mils (508 mic)
Adhesion (Plywood)*: 63 oz/in (6.85 N/cm)
Tensile (MD): 59 lb/in (103.33 N/cm)
Application Temperature: 30° - 180° F
Standard Sizes: 4in, 6in and 9in x 100Ft

627-35 Shadowlastic™ Plus Roof Flashing



Backing: Printed Woven Polyolefin
Adhesive: Butyl Rubber with Paper Liner
Withstands outdoor UV exposure for up to 3 years.
Pliable in high and low temperatures. Compatible
with most caulking and sealants. **Low VOC.**

Uses: Permanent bond for roof ridge and hiplines,
window and door installations, skylight and
dormer installations and other exterior areas to
prevent water infiltration. **Meets AAMA 711-07.**

Thickness: 35 mils (889 mic)
Adhesion (Plywood)*: 251 oz/in (27.47 N/cm)
Tensile (MD): 59 lb/in (103.33 N/cm)
Application Temperature: 30° - 180° F
Standard Sizes: 4in, 6in and 9in x 50Ft

Did You Know...? The debate among construction-industry experts has raged for years over which adhesive system (butyl rubber or rubberized asphalt) is better for flashing applications. Both sides have strong followings, but there is a clear winner when one evaluates performance, longevity, compatibility, and environmental impact.

Rubberized Asphalt or styrene-butadiene styrene (**SBS**) and **Butyl Rubber** or polyisobutylene (**PIB**) are both synthetic polymers. Fundamental variations in how these polymers are derived and processed lead to critical differences of which the consumer should be aware before choosing a flashing tape.

	SBS Asphalt	Butyl Rubber
Cold Temperatures (30°F)	Becomes hard & brittle	Maintains flexibility
Hot Temperatures (180°F)	Becomes soft & flowable	Maintains stability
Sealant Compatibility	May react with petroleum-based sealants	Compatible with all sealant types
Aging	Off-Gassing of VOCs changes composition reducing effectiveness	Zero off-gassing, retains adhesive characteristics
VOCs	Higher VOCs which will off-gas. Should not be used indoors	Low to Zero VOCs - can contribute to LEED credits

Overall, Butyl Rubber tapes - both for FLASHING and for HVAC applications - offer superior performance, greater longevity once applied, superior sealant compatibility, and are more friendly to the environment than asphalt-based adhesives. Check out the "MASTIC TAPES" section of this brochure for more information on Nashua butyl rubber tapes for HVAC.

Safety Tapes

Berry Plastics 770/771 Surveyor's Flagging



Non-Adhesive Embossed PVC Film
Strong and durable, high visibility. Non-toxic and non-flammable. Easy to tie and reuse.

Uses: Tie posts, stakes, and markers to indicate safety areas, trails, and surveyor's points.

Thickness: 2.5 mils (63.5 mic)
Tensile: 2700 psi (18.61 MN/m²)
Elongation: 270%
Operating Temperature: 0° - 160° F
Colors: Blu, Org, Red, Wht, Yel, Day-Glo Org, Day-Glo Pink
Standard Sizes: 1 1/8in x 100Yd, 1 1/8in x 50Yd (Day-Glo only)

Caution/Danger Barrier Tapes



Pr^oted PE Film
Durable material with excellent elongation. Easy to tie and reuse. High visibility with clear printed messages. Meets OSHA standards.

Uses: Creates instant barriers to provide warning of physical hazards or dangerous situations.

Thickness: 2 mils (50.8 mic)
Elongation: 300%
Standard Messages: "Caution", "Danger", "Danger Do Not Enter", "Caution Do Not Enter"
Colors: Red/Black, Yellow/Black
Standard Sizes: 3" x 1000Ft

Patco® 152 Aisle Marking/ Color Coding Tape



Backing: PVC Film
Adhesive: Rubber
High abrasion resistance. Conforms well to curves. Bonds well to a variety of surfaces. Clean removal.

Uses: Color coding, identification, aisle and floor marking, spiral wrapping, sealing, decorative masking.
Thickness: 6 mils (152.4 mic)
Adhesion to Steel: 19 oz/in (2.08 N/cm)
Tensile: 16 lb/in (28.02 N/cm)
Elongation: 225%
Operating Temperature: -14° - 140° F
Colors: Blk, Red, Wht, Yel, Org, Vio, Blu, Grn, Brn
Standard Sizes: 1in, 2in, 3in, 4in x 36Yd

Berry Plastics 775 Woven Barricade



Woven Polypropylene
Exceptionally strong woven material. High visibility. Easy to tie and reuse. Chemical and weather resistant.

Uses: Creates an instant barrier to designate hazardous or restricted areas for construction job sites, road repair, and in-plant applications.

Thickness: 24 mils (609.6 mic)
Tensile: 460 lb/in (805.58 N/cm)
Elongation: 0%
Operating Temperature: -20° - 250° F
Colors: Black/Yellow, Red, Red/Black
Standard Sizes: 2in x 50Yd, 2in x 100Ft

Berry Plastics 780 Anti-Skid Tape



Backing: Particulate-Coated PE Film
Adhesive: Rubber
High strength adhesive. Excellent abrasion resistance. Durable particulate surface for long-term wear.

Uses: Creates a non-skid surface on ramps, ladder treads, stairs, loading docks and other high-traffic areas.

Thickness: 22 mils (558.8 mic)
Adhesion to Steel: 32 oz/in (3.5 N/cm)
Tensile: 152 lb/in (266.19 N/cm)
Elongation: 200%
Operating Temperature: 20° - 176° F
Colors: Black
Standard Sizes: 50mm x 5M, 4in x 60Ft

7621 Conspicuity Tape



Backing: Polymeric Film
Adhesive: Rubber
High strength adhesive. Excellent tensile and abrasion resistance. DOT-C2 approved. Suitable for up to 3 years of outdoor use.

Uses: High visibility marking for vehicles, trailers, heavy equipment and more.

Thickness: 14 mils (355.6 mic)
Adhesion to Aluminum: 40 oz/in (4.38 N/cm)
Operating Temperature: 20° - 180° F
Colors: Red/White
Standard Sizes: 2in x 36in

Shelf Life and Storage

- Typical shelf life for duct and foil tapes is 3 years from date of manufacture. For specific shelf life on these and other products, please contact customer service or your sales representative.
- Products should be stored in the original dry carton, off of the floor in a well-ventilated area with temperatures from 40° - 80°F and 40% - 60% relative humidity.

Exclusive Warranty

Berry Plastics Corporation (hereinafter 'Berry') warrants its' tape to be free from defects in materials and workmanship. Berry's sole obligation under this warranty is replacement, or at its' option, reimbursement of the purchase price, of tape shown to Berry's satisfaction to have been defective at the time Berry sold.

Berry makes the foregoing warranty in lieu of all others, express or implied. Under no circumstances will Berry be responsible for loss of use, lost profits, irruption of business, cover, or for any other special, incidental, or consequential damages.

Nashua[®]

TAPE PRODUCTS
Professionals' Choice



LEADERSHIP

Nashua Tape Products is truly a leader in HVAC tapes. We offer an extensive line of code-approved and general purpose foil, duct, and film tapes for a variety of applications. Our tapes are manufactured in ISO-certified manufacturing facilities where production is held to the most rigorous standards ensuring the highest product quality and performance. Additionally, Berry Plastics works closely with industry associations such as ASHRAE, ASTM, ICC, SMACNA, and Underwriters Laboratories to create standards of performance for both product manufacturers and code officials.

EDUCATION

Berry Plastics is leading the charge in education for the HVAC industry. We have developed and implemented a comprehensive product training for our sales and customer service teams. In addition, we are also launching online training modules designed to educate our distribution partners not only about our tapes and their applications but also important industry trends and codes. At Berry Plastics, we know that Education and Training are keys to our success in the future.



PARTNERSHIP

Our entire team - from sales, to customer service, to marketing and R & D - is available as a resource to our distribution partners. Berry Plastics strives to provide the highest quality products and best-in-class service that you need to help you maintain and grow your business. Proud to partner with you, Berry Plastics cares about your business needs. We are here to serve you today and into the future. You can count on that.

For more information:

25 Forge Parkway

Franklin, MA 02038

Phone 508.918.1600 • Fax 508.918.1901

Toll Free: 1.800.343.7875



tapes.berryplastics.com