

Product Name

Self-Adhesive Pipe Banding / Marking

Associated Specification Section

[15075] [21 05 53] [22 05 53] [23 05 53]

Mechanical Identification

Manufacturer's Name

Brady Corporation



PRODUCT DESCRIPTION

PRODUCT FEATURES

- **BASIC USES / RELATED USES**
 - Self-adhesive identification bands or markings for facility piping.
 - Self-Sticking Vinyl
 - Weather-Code Outdoor Pipe Markers
 - Medical Gas Pipe Markers
 - Ammonia Pipe Markers
 - Semiconductor & Chemical Pipe Markers
 - Refrigerant Labels
 - Self-Sticking Plastic Film
 - Economy Pipe Banding Tape
 - Directional Flow Arrow Tape
 - Vinyl Arrows
 - Medical Gas Pipe Markers
 - Solid Color Pipe Banding Tape
 - Related products: TLS-2200 label maker, mechanically fastened pipe markers, pipe stencils.
- **PRODUCT ATTRIBUTES AND CHARACTERISTICS**
 - Self-adhesive vinyl, for commercial or light industrial applications.
 - Roll-Form Markers: Economical, for less demanding applications.
 - Pre-printed standard ANSI lettering and symbols, or custom printed bands.
 - English or English/Foreign language text.
 - All Brady markers can be ordered with custom colors, and lettering.
- **SELECTION CRITERIA**
 - Self-Sticking Vinyl: Premium indoor/outdoor grade, self-sticking marker, meets ANSI A13.1.
 - Self-Sticking Plastic: Economical, indoor installations.
 - Medical Gas Markers: Determined by NFPA 99C-1996, and CGA C-9-1988(R1993).
 - Ammonia Markers: Determined by IIAR, Bulletin 114.
 - Refrigerant Labels: Determined by ARI Guideline N.
 - All labels available in custom sizes and colors.

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- **APPLICABLE STANDARDS, RELATED REFERENCES**
 - American Refrigeration Institute (ARI): Guideline N.
 - ASME(ANSI) A13.1-1996: Scheme For The Identification Of Piping Systems.
 - Compressed Gas Association Standard (CGA) Pamphlet C-9-1988 (R1993).
 - International Institute of Ammonia Refrigeration (IIR), Bulletin 114: Guidelines for Identification of Ammonia Refrigeration Piping and System Components.
 - National Fire Protection Association (NFPA) 99C-1996
- **QUALITY STATEMENT, TESTS, CERTIFICATIONS, AND APPROVALS**
 - Self-Adhesive Vinyl:
 - Pipe Temp. Range: -40 to 80 deg C (-40 to 176 deg F).
 - Resistant to alcohols, grease/oils.
 - Abrasion Resistance: Up to 120 cycles, tested with CS-17 wheels, 1000 g weights, to U.S. Federal Test Method Std 191A, Method 5306.
 - Roll-Form Self-Adhesive Plastic Film:
 - Pipe Temp. Range: -40 to 100 deg C (-40 to 212 deg F).
 - Resistant to alcohols, grease/oils, acids.
- **PACKAGING, HANDLING, PROTECTION, AND DELIVERY INSTRUCTIONS**
 - Same day or next day shipping for small orders.
 - Self-Sticking Vinyl Markers: Minimum application temperature 10 deg C (50 deg F).
- **LIMITATIONS**
 - Self-Sticking Vinyl: Not suitable for organic solvent, acid, or alkali environments.
 - Roll-Form Plastic Film: Not suitable for organic solvent or alkali environments.
- **AVAILABILITY**
 - Available in U.S. Canada and Worldwide through distribution.
- **COST**
 - Rated from least to most expensive:
 - Roll-form Self-Adhesive Plastic Film.
 - Self-Adhesive Vinyl.

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PRODUCT PROPERTIES

- **MATERIALS, COMPOSITION, PROPERTIES**
 - Self-Sticking Vinyl: Self-adhesive vinyl, 0.13 mm (5 mil) thick, to ANSI A13.1.
 - Directional Flow Arrow Tape: perforated every 203 mm (8").
 - Blank, pre-printed with ANSI compliant lettering, or direction arrows.
 - Self-Sticking Plastic Film:
 - Clear laminated for strength, and to protect lettering.
 - Perforated arrows, which can be removed and reversed to indicate flow in either direction.
 - Blank, or pre-printed with ANSI compliant lettering.
 - Marking Ink: UV resistant.
- **ACCESSORIES**
 - Directional Arrows: ANSI A13.1 colors, 203 x 57 mm (8" x 2-1/4"), 305 x 102 mm (12" x 4"), and 305 x 114 mm (12" x 4-1/2").
 - Individual Vinyl Letters: Self-adhesive, white or black ANSI letters, 19 mm (3/4") or 32 mm (1-1/4") high.
 - Pens for blank pipe markers.
- **SHAPE, MASS, AND DIMENSIONS**
 - Self-Sticking Vinyl Sizes: Determined by ANSI A13.1.
 - Style 1HV: One 102 x 610 mm (4 x 24 inch) marker per card.
 - Style 1: One 57 x 354 mm (2-1/4 x 14 inch) marker per card.
 - Style 3C: Three 57 x 70 mm (2-1/4 x 2-3/4 inch) markers per card, plus eight strips of arrow tape.
 - Style 4: Four 28 x 70 mm (1-1/8 x 2-3/4 inch) markers per card.
 - Plastic Film sizes:
 - Roll-Form Pipe Markers:
 - Length: 9.1 m (30 ft).
 - Width: 203 mm (8"), 304 mm (12").
 - Pipe Markers-To-Go:
 - 25 x 203 mm (1 x 8 inch), with matching arrow.
 - 51 x 304 mm (2 x 12 inch), with matching arrow.

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- Directional Flow Arrow Tape sizes:
 - Length: 27.4 m (90').
 - Widths: 25 mm (1"), 51 mm (2"), 102 mm (4").
- Medical Gas Pipe Marker sizes:
 - 75 mm (3") or smaller pipe: Style 3C, three 57 x 70 mm (2-1/4 x 2-3/4 inch) labels and four sets of arrow tape.
 - 25 to 64 mm (1 to 2-1/2 inch) pipe: Style 4, four 28 x 175 mm (1-1/8 x 7 inch) per card.
- Refrigerant Labels: 89 x 25 mm (3-1/2" x 1"), 8 labels per card; 89 x 51 mm (3-1/2" x 2"), 4 labels per card.
- Semiconductor & Chemical Pipe Markers: 12 x 57 mm (1/2 x 2-1/4 inch).
- Ammonia Pipe Markers:
 - Stock Pipe Markers: 102 x 610 mm (4 x 24 inch), 57 x 354 mm (2-1/4 x 14 inch), 28 x 175 mm (1-1/8 x 7 inch).
 - Component Markers: 102 x 610 mm (4 x 24 inch).
- FINISH, COLORS AND TEXTURES
 - Self-sticking Vinyl Pipe Markers, Roll Form Plastic Pipe Markers: ANSI A13.1 colors, depending on pipe service:
 - White letters on blue.
 - White letters on black.
 - White letters on green.
 - White letters on brown.
 - White letters on red.
 - White letters on gray.
 - Black letters on yellow.
 - Black letters on orange.
 - Black letters on white.
 - Text: Blank or standard phrases, font size and style to meet ANSI A13.1; custom colors or fonts available.
 - Directional Flow Arrow Tape: ANSI A13.1 colors.
 - White letters on blue.
 - White letters on green.
 - White letters on red.
 - Black letters on yellow.
 - Black letters on orange.

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- Black letters on white.
- Black letters on green.
- Black or white letters on clear.
- Medical gas labels:
 - Colors depending on pipe service, to CGA Pamphlet C-9.
 - Text to CGA Pamphlet C-9.
- Ammonia Pipe Markers:
 - To IIAR, Bulletin 114.
- Semiconductor & Chemical Pipe Markers:
 - Colors and text to ASME A13.1.
 - White letters on blue.
 - White letters on green.
 - Black letters on yellow.

PRODUCT PLACEMENT

- **PREPARATION**
 - Ensure pipe surfaces are clean prior to application.
- **INSTALLATION, ERECTION, APPLICATION, CONSTRUCTION**
 - Peel off first adhesive strip. Wrap band around pipe. Peel off second adhesive backing and attach to itself.
 - To meet ANSI A13.1, add direction of flow indicators to markers using directional arrow tape at each end of marker and wrap completely around the pipe onto itself, providing permanent adhesion and 360 degree color-coding.
 - Install ammonia markers in accordance with IIAR, Bulletin 114.
- **COVERAGE**
 - Medical gas labels: Locate labels on piping at minimum 20 ft.(6 m) intervals, once in each each room and once per story traversed by the piping.

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PRODUCT DESCRIPTION

Corporate Identification

Brady Corporation

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Fax: 1-414-358-6642, Attention: Construction Specialist.

Web home page URL: www.bradyid.com

Technical Services Available

Architects: Product binder, specifications on disk.

Contractors: Submittal binder.

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