

Product Name

Mechanically Fastened Pipe Banding / Marking

Associated Specification Section

15075 - Mechanical Identification

Manufacturer's Name

Seton Identification Products



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PRODUCT DESCRIPTION**PRODUCT FEATURES**

- **BASIC USES / RELATED USES**
 - Identification bands or markings for facility piping.
 - (Ultra-mark) Wrap-Around Polyester: For harsh environments, outdoor piping systems, and on pipes carrying chemicals.
 - * Ammonia Pipe Markers
 - * Variable Information Pipe Markers
 - (Setmark) Snap-On / Strap-On Vinyl: For normal duty, mechanically fastened.
 - * Custom or Blank (Write-On) Pipe Markers
 - * Snap-Around Arrow Markers
 - * Pipe Warning Markers
 - * Ammonia Pipe Markers
 - Pre-printed standard ANSI lettering and symbols, or custom printed bands.
- **PRODUCT ATTRIBUTES AND CHARACTERISTICS**
 - Setmark Snap/Strap-On Vinyl: Surface printed, snap-ons for pipes smaller than 6" (150 mm), strap-ons for pipes 150 mm (6") or larger.
 - Ultra-Mark Wrap-Around Polyester: High performance for harsh environments, snap-ons for pipes smaller than 150 mm (6"), strap-ons for pipes 150 mm (6") or larger.
- **SELECTION CRITERIA**
 - Setmark vinyl bands for most applications; mechanically attached.
 - Ultra-mark polyester bands recommended for harsh environments; suitable for pipe temperatures -40 to 120 deg C (-40 to 248 deg F). Also for dirty, oily, greasy or rough surfaces.
- **APPLICABLE STANDARDS, RELATED REFERENCES**
 - ASME(ANSI) A13.1-1996: Scheme For The Identification Of Piping Systems.
 - ASTM ??
 - Compressed Gas Association Standard (CGA) Pamphlet C-9-1988 (R1993).
 - International Institute of Ammonia Refrigeration (IIR): Ammonia Refrigeration and Piping System Components, Bulletin 114.
 - National Fire Protection Association (NFPA) 99C-1996
 - Society of Automotive Engineers (SAE): ??
- **QUALITY STATEMENT, TESTS, CERTIFICATIONS, AND APPROVALS**
 - Setmark Vinyl:
 - Pipe Temp. Range: 0 to 65 deg C (-32 to 150 deg F).
 - Resistant to alcohols, grease/oils.
 - Gloss: 25 Gardner units.
 - Ultra-mark Wrap-Around Polyester:

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PRODUCT DESCRIPTION

- Pipe Temp. Range: -40 to 120 deg C (-40 to 248 deg F).
 - Resistant to alcohols, grease/oils, acids, and alkalis.
 - Gloss: 90 Gardner units.
 - Abrasion Resistance: Tested with CS-17 wheels, 1000 g weights, to U.S. Federal Test Method Std 191A, Method 5306.
 - * Laminate withstands up to 700 cycles.
 - * Legend withstands up to 1000 cycles.
- **PACKAGING, HANDLING, PROTECTION, AND DELIVERY INSTRUCTIONS**
 - Same day or next day shipping for small orders.
 - **LIMITATIONS**
 - All materials not suitable for organic solvent environments.
 - **AVAILABILITY**
 - Direct from Seton, by telephone, fax, mail, or online methods.
 - Phone: 800-243-6624 (Mon-Fri, 07:00 - 21:00, EST)
 - Fax: 800-345-7869
 - Mail: Seton, P.O. Box 819, Branford, CT 06405-0819
 - Online: www.seton.com
 - **COST**
 - Rated from least to most expensive:
 - Setmark Snap-on and Strap-On Vinyl.
 - Ultra-Mark Wrap-Around Polyester.
 - Nylon ties are free with strap-around markers.

PRODUCT PROPERTIES

- **MATERIALS, [COMPOSITION,] [PROPERTIES]**
 - Ultramark Snap-On and Strap-On Polyester:
 - Construction: 0.1 mm (4 mil) polyester laminated with UV-resistant poly vinyl fluoride (PVF).
 - Blank, pre-printed with ANSI compliant lettering, or direction arrows.
 - Mechanically applied: Snap-on for pipes less than 150 mm (6"); strap-on for pipes 150 mm (6") and larger.
 - Setmark Snap-On and Strap-On Vinyl:
 - Blank, pre-printed with ANSI compliant lettering, or direction arrows.
 - Mechanically applied: Snap-on for pipes less than 150 mm (6"); strap-on for pipes 150 mm (6") and larger).
 - Marking Ink: UV resistant.
- **ACCESSORIES**

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- 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.
- Nylon ties (for strap-around markers).
- Pipe Marking Reference Chart:
 - Plastic, 254 x 356 mm (10" wide x 14" high), white.
 - Content: Guidelines for ANSI pipe marking guidelines for color and sizes.
 - Mounting: 4 holes in corners for easy hanging.
- Ammonia Refrigeration Marker Reference Chart:
 - Fiberglass, 254 x 356 mm (10" wide x 14" high), white.
 - Content: Guidelines from Bulletin 114 and approved IIAR abbreviations.
 - Mounting: 4 holes in corners for easy hanging.

● [SHAPE,] [MASS,] [AND DIMENSIONS]

○ Sizes:

- Setmark Marker, determined by ANSI A13.1.
- Setmark Ammonia Marker, determined by IIAR Bulletin 114.

Pipe Diameters Inch (mm)	3/4" to 1-3/8" (10 to 35)	1-1/2 to 2-3/8 (38 to 60)	2-1/2 to 3-7/8 (64 to 86)	4 to 5-7/8 (102 to 150)	6 to 7-7/8 (152 to 200)	8 to 10 (203 to 254)	over 10 (over 254)
Length	8 (203)	8 (203)	12 (305)	12 (305)	12 (305)	24 (610)	32 (810)
Letter Size	1/2 (13)	3/4 (19)	1-1/4 (32)	1-1/4 (32)	1-1/4 (32)	2-1/2 (64)	3-1/2 (89)

■ Ultra-Mark Variable Information Pipe Markers:

Pipe Diameters Inch (mm)	1/2" to 1-1/2" (13 to 32 mm)	3/4" to 2-1/2" (19 to 64 mm)	2" to 8" (51 to 204 mm)
Length	8 (203)	8 (203)	12 (305)
Letter Size	1/2 (13)	3/4 (19)	1-1/4 (32)

■ Ultra-Mark Ammonia Pipe Markers:

Pipe Diameters Inch (mm)	3/4" to 2-3/8" (19 to 60 mm)	2" to 8" (51 to 204 mm)
Length	8" wide x 9" high (204 x 229 mm)	12" wide x 26-1/2" high (304 x 675 mm)
Letter Size	1/2 (13)	3/4 (19)

● [FINISH,] [COLORS] [AND TEXTURES]

- Ammonia markers: Colors and text to IIAR Bulletin 114.
- Semiconductor & chemical pipe markers: ASME A13.1 colors.
- Refrigerant labels: to ARI Guideline N.

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**PRODUCT DESCRIPTION**

- ANSI A13.1 colors:
 - 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 and fonts are available.

PRODUCT PLACEMENT

- INSTALLATION, ERECTION, APPLICATION, CONSTRUCTION
 - Pipes up to 6" (150 mm): Peel off first adhesive strip. Wrap band around pipe; peel off second adhesive strip and attach to itself.
 - Pipes 6" (150 mm) and larger: Wrap band around pipe; fasten with nylon ties.
 - Ammonia markers: Install markers to IIAR Bulletin 114.
- COVERAGE
 - Markers should be located:
 - At each branch or riser take-off.
 - Every 7.5 m (25 feet) on all straight runs of pipe.
 - At each point the pipe passes through walls, floors or ceilings.

Corporate Identification

Seton Identification Products
Dept. AT-21
20 Thompson Road
P.O. Box 819
Branford, CT 06405-0819
Tel: 800-243-6624
Fax: 800-345-7819
Website: www.seton.com

Technical Services Available

Architects: Product binder, specifications on disk.
Contractors: Submittal binder.

Classification and Filing

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MasterFormat:

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UniFormat:

N/A

END