P.O. Box 129, Naples, Texas
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Engineering Submittal Form – MS-1-(X)-A(X)

CERTIFIED FOR:

JOB NAME _____

LOCATION _____

CUSTOMER _____

CUSTOMER P.O. _____

Recommended Usage:

For piping installed on single ply and built-up roofs; use as a non-penetrating, free standing pipe support stand recommended for condensate piping and conduit within the recommended weight limit. The telescoping rod can be adjusted to allow piping to be installed level over tapered roof. When used with condensate piping, rods can be adjusted to ensure proper flow. Use for natural gas piping only when thermal expansion is not a concern.

Typical Piping Applications and Sizes

	MS-1-(X)-A10	MS-1-(X)-A14	MS-1-(X)-A20
Condensates	2" Copper	2" Copper	2" Copper
Natural Gas Piping	1" Sch 40	1" Sch 40	Not Recommended
Conduits	1 1/2" EMT or Rigid	1 1/2" EMT or Rigid	Not Recommended

Standard Composition:

Support Base is injection molded 33% Fiberglass Reinforced 6/6 Nylon with highly dispersed carbon black providing weathering resistance and UV stabilization. The standard threaded rod assembly on the MS-1(X)-A10 and A14 – Series is attached to either a Nylon Snap N Strut Clamp or a SS clamp w/ UV Stabilized Rubber Cushion providing vibration isolation and separation of dissimilar metals. The nature of the nylon material utilized, combined with the uniquely engineered design, absorbs vibration and acts as a cushion between the piping and its supporting structure. The ATR is red tipped to indicate maximum extension. The addition of the optional neoprene pad adhered to the base provides additional protection for the roof during installation. All supports are available with optional MWP Series- ½" Walk Pad and adhesive for "in the field" application. (See Accessories Section of List Price Guide)

MAPA Products Supports are designed and manufactured in accordance with MSS SP-58-2002 and MSS SP-69-2002.

Refer to MAPA Products "Recommended Installation Guidelines" for standard installation and spacing recommendations.

Nylon Based Single Post Support Models	Maximum Load	Base Dimension	Adj. Rod Assembly (304 SS ATR)	Multiple Clamp Sizes Available		Maximum Adjustability
				Nylon SNS	Stainless Steel w/ Grommet	
MS-1-X-A10	75 lbs	8"x 8" (Octagon)	3/8"x5"	12-16, 21-24, 25-29,30-34, 35-38, 40-44, 48-54	5/8", 7/8", 1 1/8", 1 3/8", 1 5/8", 2 1/8"	6"-10"
MS-1-X-A14	75 lbs	8"x 8" (Octagon)	3/8"x9"	12-16, 21-24, 25-29,30-34, 35-38, 40-44, 48-54	5/8", 7/8", 1 1/8", 1 3/8", 1 5/8", 2 1/8"	10"-14"
MS-1-X-A20	75 lbs	8"x 8" (Octagon)	3/8"x15"	N/A	5/8", 7/8", 1 1/8", 1 3/8", 1 5/8", 2 1/8"	14"-20"
NOTE: Mandatory Walk Pad MWP16 - 16" Square x 1/2" for MS-1-A20						

Optional: (See Accessories in Catalog and specify desired model.)

- Add Suffix "P" .125 neoprene pad. (Standard on MS-1)
- Add *MWP12 – 12" octagonal x 1/2" Walk Pad recommended w/ MS-1(X) A14*

Warranty:
MAPA will repair or replace any defective parts or workmanship of this product for a period of three years from date of delivery. Rusting that is not detrimental to the integrity of the support is not warranted. Damage caused by incorrect installation, alteration or improper usage is not warranted. Recovery rights shall be limited to the total sum of the amounts paid for the product by the purchaser.

Limits of Liability:
MAPA's liability shall be limited to costs of repair or replacement parts. Supports are not intended for usage other than those expressly described in this brochure. MAPA shall not be liable for damage or injury caused by the improper use of the product.

CERTIFICATION DATA

Model	QTY	Support Pad Options NP	P	WP	Pipe Size	*Pipe Type* (Copper/PVC)	Service	Clamp Style SNS	SS	Clamp Size	Adjustment Requirements
		☐	☐	☐				☐	☐		
		☐	☐	☐				☐	☐		
		☐	☐	☐				☐	☐		
Notes & Options											

DRAWN	*CHECKED*	DATE	*DWG.NO.*

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