



Engineering Submittal Form – MAPA Products Roller Support Products

CERTIFIED FOR:

Job Name:	Customer Name:
Location:	Customer P.O.:

Recommended Usage:

Used as a free standing/non-penetrating pipe support stand for natural gas piping; the roller cradles the piping, while allowing it the freedom of movement necessary due to thermal expansion. The adjustable rod assembly permits piping to be installed level.

The addition of the optional neoprene pad adhered to the base provides additional cushion to the installation surface. All supports are available with optional MWP Series- ½” Walk Pad and adhesive for “in the field” application.



MX-5RA6 & MS-5RA10

Typical Stainless Steel and Nylon Support Series

Designed and manufactured in compliance with the International Fuel Gas Code, MSS SP-58-2002, MSS SP-69-2002 and MSS SP-127-2001 where applicable for structural support systems

Composition:

- Roller Assembly: 304 SS Collars & Shaft / UV Protected SBR Rubber Roller w/ Nylon Bushing
- Base: 304 Stainless-Steel Base or UV Protected Nylon refer to table below
- Adjustable Rod Assembly: 304 SS ATR

Optional Accessories:

- “P” Integrated 1/8” isolation pad
- “WP” ½” HD Walk Pad
- MPS-(X) MAPA Pipe Strap sized per model

Available Models:

- Pipes Sizes - ½” through 10” IPS.
- Free Standing or Structurally Attached.

Warranty:

Standard 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. *Limited Lifetime Warranty* available.

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.



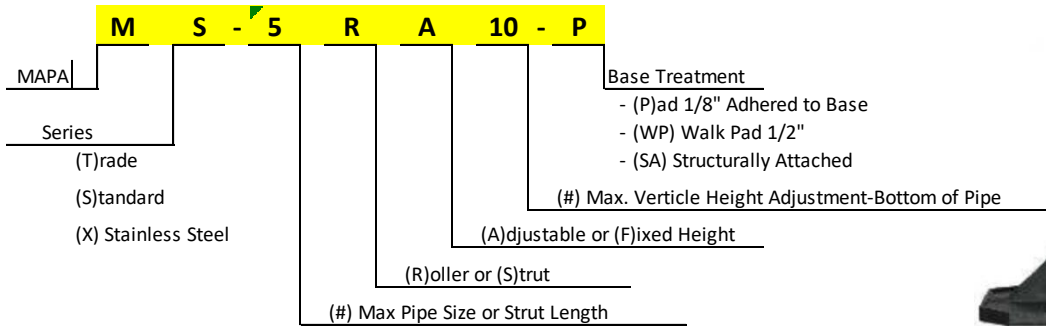
MX-5RA9-SA

Structurally Attached Support for Seismic & High Wind Applications

<See Reverse for Support Submittal Data>



Model Number Key: (Example)



MAPA Roller Supports

(FH) Fixed Ht. Models	Pipe Max					ATR Size	Maximum Height or Vertical Adjustability					Accessories		
	Size IPS	Load Lbs.	Base Dimension	Footprint in ²	Base		6"	7"	10"	12"	14"	18"	Pipe 1/2"	Strap (WP) Walkpad
MT-2RF4	2	110	5" x 8"	40	NA	NA							MPS-11	MWP812

(RA) Roller Adj. Models	Pipe Max					ATR Size	Maximum Height or Vertical Adjustability					Accessory Model Number		
	Size IPS	Load Lbs.	Base Dimension	Footprint in ²	Base		6"	7"	10"	12"	14"	18"	Pipe 1/2"	Strap (WP) Walkpad
MT-2	2	110	5" x 8"	40	5/16	✓							MPS-11	MWP812
MS-3	3	140	5" x 10"	50	3/8		✓		✓				MPS-14	MWP914
MS-4	4	140	5" x 10"	50	3/8		✓	✓		✓			MPS-14	MWP914
MS-5	5	165	6" x 12"	72	3/8		✓	✓		✓			MPS-17	MWP1016

(X): Stainless Models	Pipe Max					ATR Size	Maximum Height or Vertical Adjustability					Accessory Model Number		
	Size IPS	Load Lbs.	Base Dimension	Footprint in ²	Base		6"	7"	10"	12"	14"	18"	Pipe 1/2"	Strap (WP) Walkpad
MX-6	6	195	6" x 14"	84	1/2	✓					✓		MPS-20	MWP1018

→ Available with 5/8" Vertical ATR, please specify if desired.

(SA) Structurally Attached Roller Supports														
MX-5RA9-SA	5	140	1/2	NA	NA	NA	9" Adjustable Height	MPS-17	NA					

Note: Max loading for all models based on compression strengths associated with typical polyiso insulation products commonly available in the range of 16-25 psi.

Additional Notes:

- Maximum pipe size based upon load and spacing calculations for usual and customary pipe sizes.
- Weight limits are established by the contact area of the support to roof surface with a maximum load per square inch of 5 lbs.
- SA (Structurally Attached Supports) where structural blocking is utilized; load is transferred directly to the structure; thereby increasing the allowable load, as approved by the structural engineer, any increased loading should not exceed 500 lbs.
- Where installation height exceeds 12" refer to MAPA Products "Recommended Installation Guidelines"