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Product Specifications

 **Spider Type Pipe Guides.**

1. General
	1. Provide pipe guides as indicated on project plans or in accordance with EJMA guidelines based on design pressure and line size.
	2. Primary and intermediate guides shall be spider type.
2. Products
	1. Pipe guides shall be style “**PGIV**” as manufactured by The Metraflex Company®, Chicago, IL.
	2. All components shall be manufactured in compliance with the Manufacturer's Standardization Society (MSS) SP-58 and SP-89
	3. Guide shall be made up of a guide cylinder with bolt down base and a two-section guide spider with 1/8” clearance.
	4. Guide shall be made up of ASTM A-134 carbon steel.
	5. Guide cylinder shall be sized to accommodate pipe insulation.
	6. Guide spider shall be sized to accommodate thermal movement.
	7. All surfaces of guide shall have Alkyd corrosion resistant paint.
3. Execution
	1. Install and guide per manufacturer’s installation instructions and Mechanical Contractors Association of America “Guidelines for Quality Piping Installations”.
	2. Spider type guides are rated to restrain lateral loads only and do not replace pipe supports.