

# PIPE GUIDES AND SLIDES

Pipe guides are needed to facilitate the thermal expansion of a pipeline so that the movement is properly directed to the expansion joint. Guides are designed to prevent buckling or squirming of the pipe. Proper guiding and anchoring are essential to the functional operation of expansion joints.

## SPIDER PIPE GUIDES

### ADVANTAGES

- Fabricated in the U.S.A.
- Axial movement 4" , 8" , and 12"
- Prevents buckling and squirming
- Facilitates thermal expansion of pipeline
- Pre-insulated



- Available in ½" I.D. - 24" I.D.
- Standard axial travel of 4", 6", and 8"
- Spider-housing design ensures positive pipe alignment, protecting both the pipe and the expansion device
- Bolted, split-housing construction allows for easy assembly
- For steel and copper pipe
- Pre-insulated

### APPLICATIONS

- Refining Systems
- Oil and Gas Systems
- Process Power Systems
- Commercial HVAC Systems
- LNG and Cryogenic Systems
- Water and Waste Water Systems
- HVAC Commercial System

## PRE-INSULATED SLIDES

- Bolt or weld bases
- 4" or 10" standard axial travel
- Available in ½" I.D. - 24" I.D.
- Maintenance free bearing surface, minimizing stress on pipe and support structures
- Insulation available
- Fabricated in the U.S.A.
- Offers resistance to chemical corrosion, solvents, abrasion and impact



## RISER PIPE GUIDES

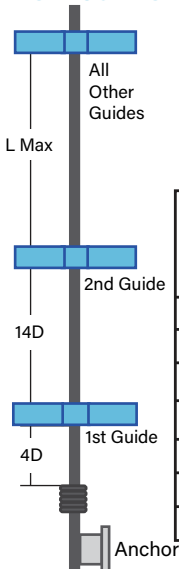
- Special application guide
- Only used for guiding pipe, not load bearing
- Arm sizes: 3" to 48"
- Used when pipe is running up through the floor
- Housing tightened by bolts



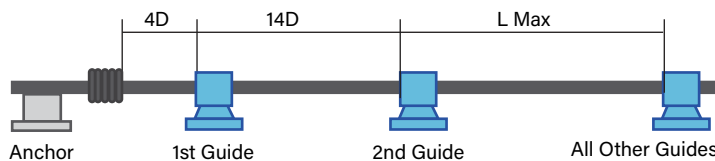
### Pipe Guide Spacing:

Pipe guides are always recommended in applications involving pipe movement.

#### RISER GUIDES



#### PIPE GUIDES



Pipe Size	Expansion Joint to First Guide	First to Second Guide	Maximum Distance Between Intermediate Guide (ft.) For Pressures (PSIG) Shown Below				
			50	100	150	200	250
3"	1'	3'6"	38'	28'	23'	19'	16'
4"	1'4"	4'8"	52'	38'	31'	27'	24'
5"	1'8"	5'10"	63'	45'	38'	31'	29'
6"	2'	7'	68'	48'	40'	34'	31'
8"	2'8"	9'4"	87'	62'	45'	43'	40'
10"	3'4"	11'8"	107'	75'	60'	53'	49'
12"	4'	14'	118'	85'	70'	60'	53'