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## Standard Specification

(2014Apr GDx.docx)

### RECOMMENDED ENGINEERING SPECIFICATION FOR GUIDELINE PIPE/TUBE ALIGNMENT GUIDES

#### PART 1 GENERAL

##### 1.01 SECTION INCLUDES

- A. Furnish and install pipe / tube alignment guides
  - a. Model GDXP for use with pipe
  - b. Model GDXC including lead spacer (for use with copper tube)

##### 1.02 MANUFACTURER

- A. Provide appropriate model pipe / tube alignment guides as supplied by Flex-Hose Co., or approved equal.

#### PART 2 PRODUCTS

##### 2.01 Pipe alignment guides

- A. The guide(s) must allow movement along the pipe axis while restricting lateral pipe movement; thereby allowing proper operation of the expansion control device.
- B. The pipe alignment guide is to consist of:
  - a. Two piece spider
  - b. Two piece housing
  - c. Required hardware to assemble the spiders and the housings
- C. The alignment guide housing and spider is to be constructed of carbon steel (painted for rust protection)
- D. The guide design must provide a bolted split-spider clamp/slide and a bolted split-housing with integral base for anchoring the guide by bolting or welding (guides are to be shipped unassembled for field installation).
- E. If used on copper tubing piping systems lead dielectric spacer to be provided for use between copper tube and spider

##### 2.02 WARRANTY

Pipe alignment guides are to be warrantied for a period of two years when installed in accordance with all specifications and instructions of the manufacturer and compliant with EJMA (Expansion Joint Manufacturers Association) spacing requirements.

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