

# PIPE GUIDES



For almost 100 years, **Keflex™** has set a standard of quality that few can match. Our products perform under the most demanding conditions and our service record is impeccable. **Keflex™** pipe guides are designed to ensure positive pipe alignment by restricting lateral pipe movement while allowing for movement along the axis of the pipe. The pipe guide consists of a spider guide that is clamped to the pipe whose movement is to be controlled. The guide body is anchored. The spider moves through the body as the pipe expands and contracts along the axis of the centerline. The pipe movement is directed into the expansion device for problem free operation. Used in conjunction with expansion joints, loops, and compensators, **Keflex™** pipe guides protect the integrity of the pipe, expansion devices and mechanical equipment for proper operation.

## Key Benefits:

All guides are constructed of carbon steel and coated for protection.

Spider-housing design ensures positive pipe alignment, protecting pipe, expansion devices, and mechanical equipment.

Bolted, split-housing construction is designed for easy assembly.

Axial movement selection is specific to application requirements.

Orders shipped unassembled for fast field installation.

Pre-insulated models match insulated system piping to reduce time and labor on the job. (Requires field assembly.)

## Other Literature that pertains to this product line:

Pipe Slides

SEP—Single Externally Pressurized  
Expansion Joints

DEP—Dual Externally Pressurized  
Expansion Joint

Multi-Ply Expansion Joints

Bellows Type Pump Connectors

Compensators

## KEFLEX™ ADVANTAGES:

Durable &  
Versatile

Fast Lead Times

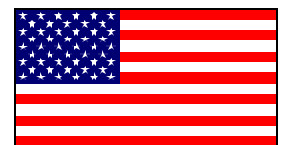
Multiple  
Configurations

Easy to Install

Insulated or  
Uninsulated

Proven  
Technology

Engineering  
Assistance with  
Pipe Guide  
Location and  
Sizing Available  
At No Cost



100%  
American Made

# PIPE GUIDES

## P & PC\* SERIES—UNINSULATED PIPE GUIDES

To order, you need to know pipe size, insulation thickness and axial movement. Cross-reference pipe size and allowable insulation thickness to locate part number. Pipe guides can accommodate up to 12" axial movement, unless specified, minimum movement will be assumed. **It is critical to match the guide movement to the movement of the expansion joint selected for the individual pipe run.**



Pipe guide with 4" axial movement spider



Pipe guide with 8" axial movement spider



Pipe guide with 12" axial movement spider

PIPE SIZE (inches)	ALLOWABLE INSULATION THICKNESS						
	1"	1-1/2"	2"	2-1/2"	3"	3-1/2"	4"
1/2	F004-104-4 -8 -12	F004-104-4 -8 -12	F004-205-4 -8 -12	F004-208-4 -8 -12	F004-308-4 -8 -12	F004-308-4 -8 -12	F004-410-4 -8 -12
3/4	F006-104-4 -8 -12	F006-605-4 -8 -12	F006-206-4 -8 -12	F006-308-4 -8 -12	F006-308-4 -8 -12	F006-410-4 -8 -12	F006-410-4 -8 -12
1	F010-104-4 -8 -12	F010-605-4 -8 -12	F010-206-4 -8 -12	F010-306-4 -8 -12	F010-308-4 -8 -12	F010-410-4 -8 -12	F010-410-4 -8 -12
1-1/4	F012-104-4 -8 -12	F012-605-4 -8 -12	F012-206-4 -8 -12	F012-308-4 -8 -12	F012-308-4 -8 -12	F012-410-4 -8 -12	F012-410-4 -8 -12
1-1/2	F014-105-4 -8 -12	F014-105-4 -8 -12	F014-206-4 -8 -12	F014-308-4 -8 -12	F014-308-4 -8 -12	F014-410-4 -8 -12	F014-410-4 -8 -12
2	F020-105-4 -8 -12	F020-606-4 -8 -12	F020-208-4 -8 -12	F020-208-4 -8 -12	F020-310-4 -8 -12	F020-310-4 -8 -12	F020-412-4 -8 -12
2-1/2	F024-106-4 -8 -12	F024-106-4 -8 -12	F024-208-4 -8 -12	F024-208-4 -8 -12	F024-310-4 -8 -12	F024-310-4 -8 -12	F024-412-4 -8 -12
3	F030-106-4 -8 -12	F030-208-4 -8 -12	F030-208-4 -8 -12	F030-310-4 -8 -12	F030-310-4 -8 -12	F030-412-4 -8 -12	F030-412-4 -8 -12
4	F040-108-4 -8 -12	F040-108-4 -8 -12	F040-210-4 -8 -12	F040-210-4 -8 -12	F040-312-4 -8 -12	F040-312-4 -8 -12	F040-414-6 -8 -12
5	F050-110-4 -8 -12	F050-110-4 -8 -12	F050-110-4 -8 -12	F050-312-4 -8 -12	F050-312-4 -8 -12	F050-314-6 -8 -12	F050-416-6 -8 -12
6	F060-110-4 -8 -12	F060-110-4 -8 -12	F060-212-4 -8 -12	F060-212-4 -8 -12	F060-314-6 -8 -12	F060-416-6 -8 -12	F060-416-6 -8 -12
8	F080-112-4 -8 -12	F080-112-4 -8 -12	F080-214-6 -8 -12	F080-316-6 -8 -12	F080-316-6 -8 -12	F080-418-6 -8 -12	F080-418-6 -8 -12
10"	F100-216-6 -8 -12	F100-216-6 -8 -12	F100-216-6 -8 -12	F100-318-6 -8 -12	F100-318-6 -8 -12	F100-420-6 -8 -12	F100-420-6 -8 -12
12"	F120-218-6 -8 -12	F120-218-6 -8 -12	F120-218-6 -8 -12	F120-320-6 -8 -12	F120-320-6 -8 -12	F120-422-8 -12	F120-422-8 -12
14"	F140-220-6 -8 -12	F140-220-6 -8 -12	F140-220-6 -8 -12	F140-220-6 -8 -12	F140-322-8 -12	F140-322-8 -12	F140-424-8 -12
16"	F160-222-8 -12	F160-222-8 -12	F160-222-8 -12	F160-222-8 -12	F160-324-8 -12	F160-324-8 -12	F160-426-8 -12
18"	F180-224-8 -12	F180-224-8 -12	F180-224-8 -12	F180-224-8 -12	F180-326-8 -12	F180-326-8 -12	F180-428-8 -12
20"	F200-226-8 -12	F200-226-8 -12	F200-226-8 -12	F200-226-8 -12	F200-330-8 -12	F200-330-8 -12	F200-330-8 -12
24"	F240-230-8 -12	F240-230-8 -12	F240-230-8 -12	F240-230-8 -12			

Standard 4"  
Axial Movement

Standard 6"  
Axial Movement

Standard 8"  
Axial Movement

Description of Part Number: ex: F020-108-4 OR F020108-4-C

F = Flex-Weld  
 020 = Pipe Size  
 08 = Housing Size (pre-determined)  
 4 = Axial Movement  
 C = add for Copper

**NOTES:**

Copper tube guides are supplied with dielectric spacers. Use the 1" thickness column when no insulation is required.

Toll Free: 1-800-323-6893

# PIPE GUIDES

## CP SERIES—INSULATED PIPE GUIDES

To order, you need to know pipe size, insulation thickness and axial movement. Cross-reference pipe size and allowable insulation thickness to locate part number. **Standard insulated pipe guides accommodate 6" of axial movement.**



Pipe guide with  
1" insulation

PIPE SIZE (inches)	PRE-INSULATION THICKNESS			
	1"	2"	3"	4"
1/2	F004-106-6I	F004-208-6I	F004-310-6I	F004-412-6I
3/4	F006-106-6I	F006-208-6I	F006-310-6I	F006-412-6I
1	F010-106-6I	F010-208-6I	F010-310-6I	F010-412-6I
1-1/4	F012-108-6I	F012-208-6I	F012-310-6I	F012-412-6I
1-1/2	F014-108-6I	F014-208-6I	F014-310-6I	F014-412-6I
2	F020-108-6I	F020-210-6I	F020-312-6I	F020-412-6I
2-1/2	F024-108-6I	F024-210-6I	F024-312-6I	F024-414-6I
3	F030-110-6I	F030-210-6I	F030-312-6I	F030-414-6I
4	F040-110-6I	F040-212-6I	F040-314-6I	F040-416-6I
5	F050-112-6I	F050-212-6I	F050-314-6I	F050-416-6I
6	F060-112-6I	F060-214-6I	F060-316-6I	F060-418-6I
8	F080-114-6I	F080-216-6I	F080-318-6I	F080-420-6I
10	F100-118-6I	F100-218-6I	F100-320-6I	F100-422-6I
12	F120-120-6I	F120-220-6I	F120-322-6I	F120-424-6I
14	F140-120-6I	F140-220-6I	F140-324-6I	F140-426-6I
16	F160-122-6I	F160-224-6I	F160-326-6I	F160-430-6I
18	F180-124-6I	F180-226-6I	F180-330-6I	F180-430-6I

### Description of Part Number: ex: F020-108-6I

F = Flex-Weld

020 = Pipe Size

08 = Housing Size (pre-determined)

6 = Axial Movement

I = Insulated Unit

### NOTES:

Sizes 8" and above are supplied with 4 bolts.

For sizes over 24" - contact Flex-Weld, Inc.

Insulated pipe guides require field assembly.

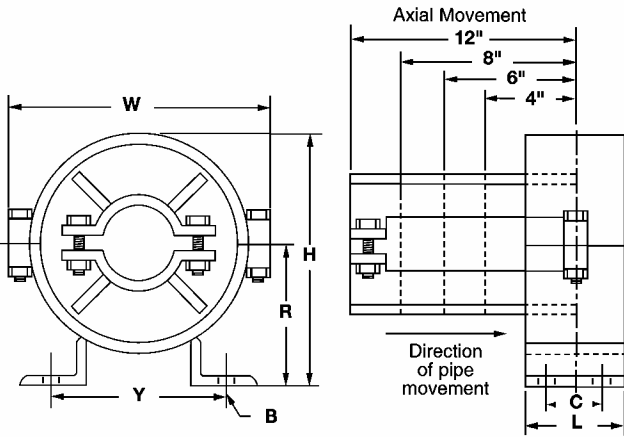
# PIPE GUIDES

Catalog#: KPG/0603

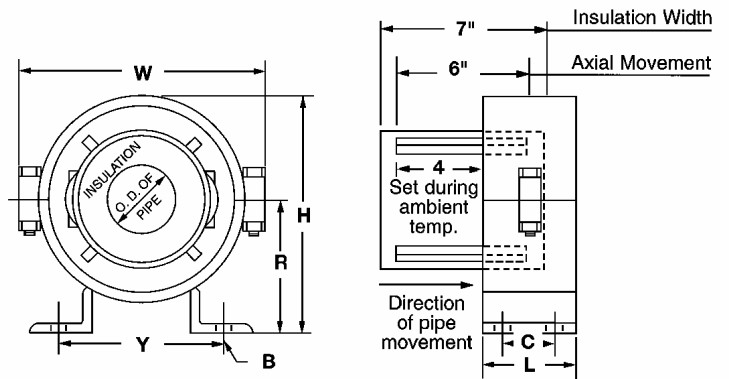
## PIPE GUIDE DIMENSIONS

Pipe guide data can be determined from the part number by using the chart below. Determine the housing size from the part number. Locate the housing size on the chart. The dimensions and approximate weight are given for that housing size. The length of the spider is the same as the axial movement.

### Uninsulated P & PC SERIES



### Pre-Insulated CP SERIES



HOUSING SIZE	PHYSICAL DIMENSIONS (INCHES)							APPROX. WEIGHT (LBS.)
	H	R	W	Y	B	C	L	
04	5-7/8	3-1/2	6-1/8	4-1/8	5/8	1-3/4	3	7
05	6-3/4	4	7-1/8	4-3/8	5/8	1-3/4	3	8
06	7-5/8	4-3/8	8-1/8	5-1/8	5/8	1-3/4	3	9
08	9-1/4	5-1/4	10-1/8	6-1/8	5/8	1-3/4	3	11
10	11-5/8	6-1/4	12-1/8	7	5/8	2-3/4	4	17
12	13-3/8	7	14-1/8	8-1/4	5/8	2-3/4	4	20
14	15-1/8	7-7/8	16-1/8	9-7/8	3/4	4	6	40
16	17	8-7/8	18-1/8	10-7/8	3/4	4	6	48
18	18-3/4	9-3/4	20-1/8	11-7/8	3/4	4	6	54
20	21	10-7/8	22-1/8	11-3/4	3/4	4	6	61
22	23-1/8	12-1/8	24-1/8	14-1/2	7/8	6	8	89
24	25	13	26-1/8	15-1/2	7/8	6	8	102
26	27-3/4	14-3/4	28-1/8	17-1/8	1-1/8	6	8	110
30	31-1/2	16-1/2	32-1/8	19-1/4	1-1/8	6	8	150

Cross-referencing to other manufacturer's pipe guides / equivalents is available upon request.