

Style 8420 Split

Easy installation and removal reduce downtime with new split expansion joint

Garlock offers a wide range of flue duct type expansion joints for lightweight applications, especially for scrubbers, precipitators, baghouses, and fans in air handling systems. Style 8400 flue ducts are available in round, rectangular or square configurations, as belt type (without flanges) or U-type (flanged), with virtually no size restrictions.

Garlock also provides on-site vulcanization for flue ducts that require splicing into position due to obstructions or interferences that prevent continuous construction installations.

- Split design eliminates equipment disassembly, reducing costly downtime
- Available in EPDM, nitrile* and fluoroelastomer in sizes from 2" to 24"
- Can be customized for your application; contact Garlock with your specifications
- Adhesive kits with comprehensive installation instructions are provided with every shipment to facilitate quick assembly

* EPDM and nitrile are standard—other elastomers available on request.



Unassembled View

Specifications

	2" Max. Pipe Gap Opening	4" Max. Pipe Gap Opening	6" Max. Pipe Gap Opening
Clamps Required:	4	4	4
Thickness:			
2"-12" Size (50.8 mm-304.8 mm)	1/4" (6.4 mm)	1/4" (6.4 mm)	1/4" (6.4 mm)
14"-24" Size (355.6 mm-609.6 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)	3/8" (9.5 mm)
Pressure, Max.:	15 psi (1.034 bar)	5 psi (0.345 bar)	5 psi (0.345 bar)
Vacuum:	14" Hg (356 mm Hg)	5" Hg (127 mm Hg)	5" Hg (127 mm Hg)
Temperature, Max.:	400°F (204°C)	400°F (204°C)	400°F (204°C)
Movement:	Vibration Only	Vibration Only	Vibration Only
Lateral Misalignment, Max.:	1/2" (12.7 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)
Width of Joint:	8" (203.2 mm)	8" (203.2 mm)	10" (254 mm)

Notes:

1. All applications above 165°F (74°C) require Viton* adhesive kits.
2. T-bolt clamps recommended on all applications; not included with adhesive kits.

* Viton is a registered trademark of DuPont Dow Elastomers.