

# Garlock® Style 8420™ Split Expansion Joint

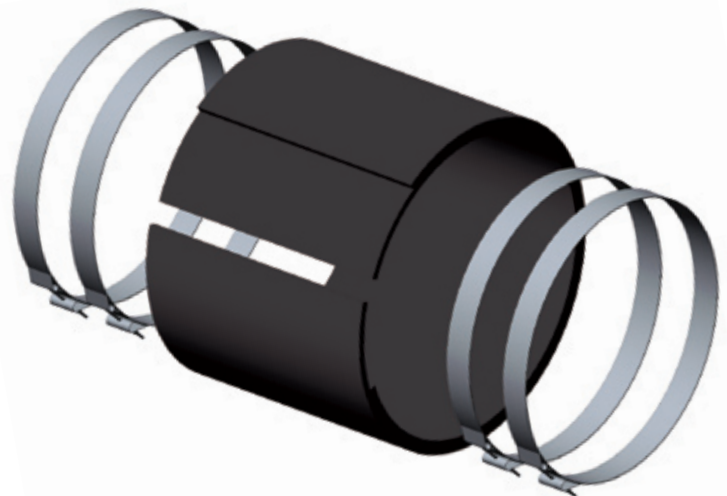
***Easy installation and removal reduce downtime  
with new split expansion joint***

- 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*



## **Ideal for**

- All types of vacuum pumps
- Non-flanged piping
- Small, irregular openings
- Low-pressure and vacuum applications

**Garlock**  
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# Specifications

	2" Max. Pipe Gap Opening	4" Max. Pipe Gap Opening	6" Max. Pipe Gap Opening
<b>Clamps Required:</b>	4	4	4
<b>Thickness:</b>			
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)
<b>Pressure, Max.:</b>	15 psi (1.034 bar)	5 psi (0.345 bar)	5 psi (0.345 bar)
<b>Vacuum:</b>	14" Hg (356 mm Hg)	5" Hg (127 mm Hg)	5" Hg (127 mm Hg)
<b>Temperature, Max.:</b>	400°F (204°C)	400°F (204°C)	400°F (204°C)
<b>Movement:</b>	Vibration Only	Vibration Only	Vibration Only
<b>Lateral Misalignment, Max.:</b>	1/2" (12.7 mm)	1/2" (12.7 mm)	1/2" (12.7 mm)
<b>Width of Joint:</b>	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.

## AUTHORIZED REPRESENTATIVE

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an EnPro Industries company

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**WARNING:**

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability. For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury.

Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice.

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