

Style 8400 Flue Ducts

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.

Rectangular / Square

- Face-to-face dimensions: typically 6" (152 mm), 9" (229 mm) or 12" (305 mm)
- If any leg is smaller than 30" (762 mm), joint will be built on a metal form with column corners
- Consult factory for movement capabilities

Note: Other sizes also available.
If more movement is required, please contact Garlock.

Round

- Supplied in any size, with or without flanges or arch
- Variety of materials available: neoprene, chlorobutyl, fluoroelastomer, nitrile, EPDM, Hypalon*, FDA neoprene, FDA EPDM or natural/gum rubber.
- Movement capabilities depend on expansion joint size and arch configuration

Belt Type

- Supplied in any size, without flanges, with or without an arch
- Available in the same materials as round flue ducts
- Movement capabilities depend on installation width and arch configuration
- Supplied open-ended (wraparound), or continuous to fit over ducting



Temperature

Style No.	Standard Robus Materials	Max. Temp.
8400-250	Neoprene/Fiberglass/Kevlar**	+250°F (+120°C)
8400-300	Chlorobutyl/Fiberglass/Kevlar	+300°F (+150°C)
8400-400	Fluoroelastomer/Fiberglass/ Kevlar	+400°F (+205°C)

Made in the U.S.A.

* Hypalon is a registered trademark of DuPont Dow Elastomers.

** Kevlar is a registered trademark of DuPont.