

Style 8400-HT / High Temperature Flue Ducts

In typical Garlock fashion, the 8400-HT will be custom designed to meet or exceed the individual requirements of each application or system design specifications. The 8400-HT is available in a multitude of configurations and material combinations, complimenting our existing 8400 family of lower temperature products (8400-250, 8400-300, 8400-400). The 8400-HT is able to accommodate operating temperatures as low as -75°F (-60°F) and up to 2200°F (1200°C).

Benefits

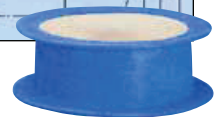
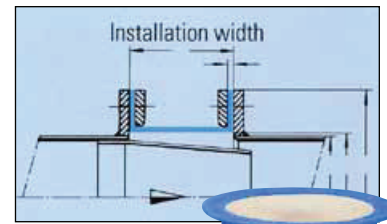
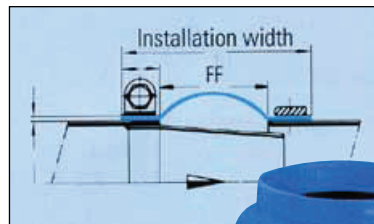
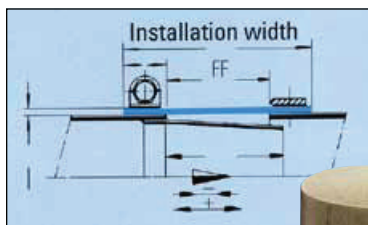
Specific combinations of fluorine based hydrocarbon polymers and reinforcing materials offer an unusually high resistance to corrosive substances at high temperatures, ideal for most operating conditions in flue gas desulphurization systems (FGD);

- Very good rebound characteristics that help resist permanent deformation
- Special resistance to SO_2 , H_2SO_4 and other corrosive chemical substances
- Continuous operating temperature in excess of 400°F

Ideal for

In addition to FGD systems, non metallic, flue duct style expansion joints are commonly used in gaseous medias such as hot air, chemical vapors, engine exhaust, etc. For example:

- Steam boiler systems
- Gas Turbine Exhausts
- Industrial furnace & chimney construction
- Refuse incinerators
- Ventilation and aeration systems
- HPI, CPI emissions control
- Pulp & Paper industry



The illustrated types can be used in different applications with different material make-up, but with the same design and movement absorption.

