

Style ST-706

Benefits

Heat and oxidation resistance

- Inorganic, asbestos-free fibers offer superior performance in saturated and superheated steam
- Thermally stable fibers retain effective seal even during thermal cycling to 750°F (400°C)

Long-lasting seal

- Unique manufacturing process minimizes cold flow and creep relaxation problems

Versatile

- Ideal for standard ANSI flanged connectors, as well as turbine crossover piping connectors
- Multiple applications in power generation, chemical processing, hydrocarbon processing, and other industries

Patent #5,603,513

Media

- ST-706:** Saturated and super heated steam, oils, grease, water, and heat transfer fluids*
- IFG® 5500:** Water, aliphatic hydrocarbons, oils, gasoline, saturated steam†, inert gases, most refrigerants
- IFG® 5507:** Water, saturated steam†, mild chemicals and mild alkalies

Style IFG®

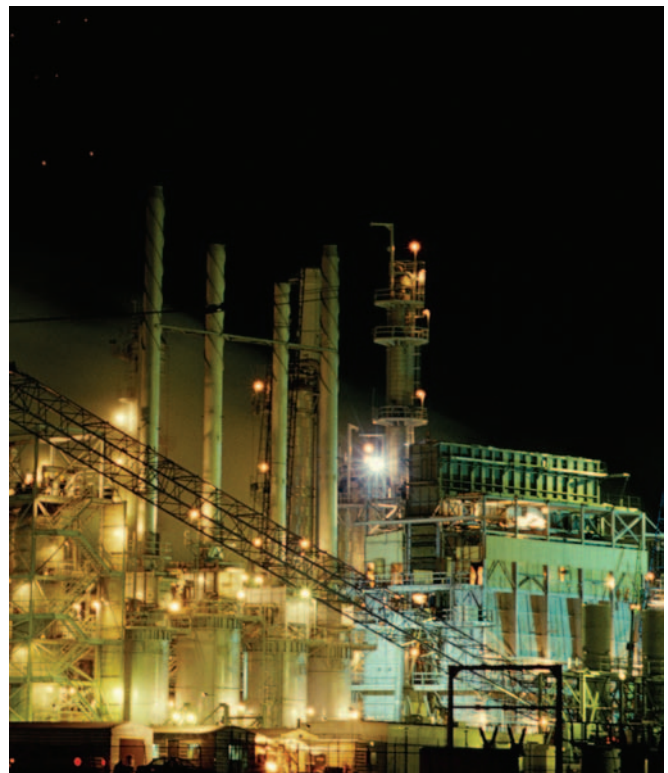
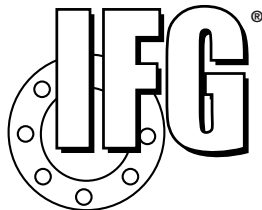
Benefits

Tighter seal

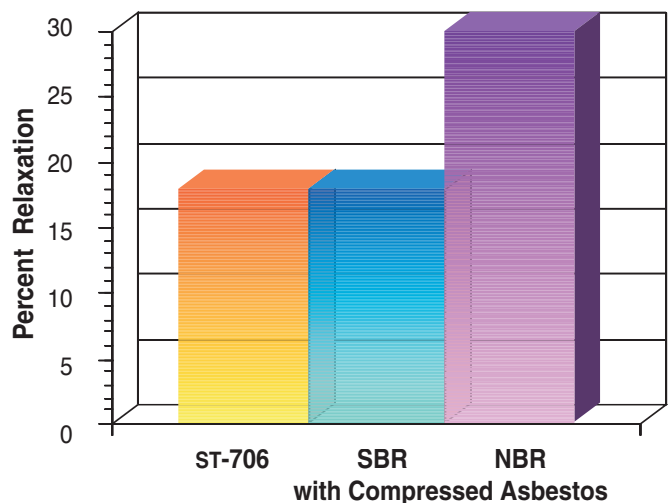
- Inorganic fiber gasketing offers excellent thermal stability with minimal weight loss
- Reduced creep relaxation and improved torque retention provide optimal sealability

Temperature resistant

- Non-oxidizing fibers withstand a continuous operating temperature of up to 550°F (290°C), and maximum spike of 800°F (425°C)
- IFG® 5500 has passed the Garlock Fire Test and is ABS Fire Safe Type Approved.



ASTM F38 Typical Creep Relaxation



* Contact Garlock Engineering with specific transfer fluid application.

† Above 150 psig, contact Engineering.

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.

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