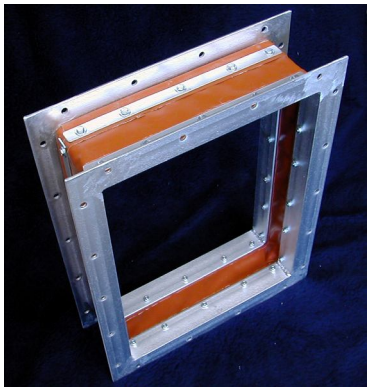
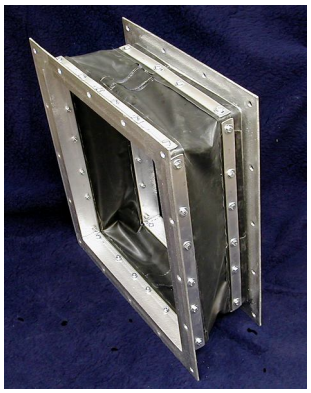
Type 54 Expansion Joints



G82 Silicone Sleeve



G75 Neoprene Sleeve

Description

Our Type 54 Expansion Joints are used in duct systems to compensate for thermal movements, vibration, and shock. Constructed of angle iron steel and a variety of high temperature fabrics. Gaskets, Inc. expansion joints can be furnished in round, square or rectangular shapes, and withstand temperatures to 1000°F/538°C and pressures to 27" WC. We will also custom design Expansion Joints to meet your unique size or heating requirements.

Applications

Type 54 Expansion Joints are used in drying systems as vibration dampeners, for noise reduction, misalignments, expansion devices, and in exhaust stacks and hot air ducts.

Sleeve Materials

Style	Description	Temperature
G10	Aluminized fiberglass	500°F/260°C
G25	Crease and Tear Resistant PTFE	500°F/260°C
G75	Neoprene-coated fiberglass	250°F/135°C
G82	Silicone-coated fiberglass	500°F/260°C
G95	Kevlar® Aramid	500°F/260°C
G95A	Aluminum coated Kevlar® Aramid	500°F/260°C
G99	Viton®-coated fiberglass	500°F/260°C
G100	Vermiculite coated fiberglass	1000°F/538°C
G100A	Aluminum-coated Vermiculite	1000°F/538°C

Notes

Expansion Joints should never be installed in a taut position. The amount of excess sleeve length depends on the axial and lateral movements expansion joints will be subjected to. Baffles or liners can be added to protect the sleeve, reduce flutter and direct abrasive media flow away from the inner fabric lining.