

Thermo-Chem™

High temperature firewall rope, tape, sheet, cloth and tubing



Provides long heat-sealing life with high conformability

Thermo-Chem firewall sheets, rope, tape, cloth and tubing are flexible, fire-resistant fabric products used in applications where flame and fuel resistance is required.

Their composition and construction from woven and texturized glass yarns, plain or wire-reinforced, form a non-porous, non-fraying, high tensile strength, firewall that offers long-term resistance to oils, solvents, vibration and abrasion. In addition, their flexibility enables them to readily conform to a variety of shapes.

Contact us for more information.

Contact Information:

Parker Hannifin Corporation
**Engineered Polymer Systems
Division**

2220 South 3600 West
Salt Lake City, UT 84119

phone 800 233 3900
eps-ccare@parker.com

www.parker.com/eps

Product Features:

- Flame and fuel resistant
- Long-term resistance to oils, solvents, vibration and abrasion
- High tensile strength
- Flexible with high conformability
- Available in various configurations: sheet, rope, tape, cloth and tubing
- Widely used in aircraft firewalls, binding edges of metal components
- Extensively used in thermal applications for boots, bellows and expansion joints



ENGINEERING YOUR SUCCESS.

Thermo-Chem™

Description

Thermo-Chem firewall sheets are flexible, fire-resistant fabrics consisting of woven and texturized glass yarns, plain or wire reinforced. The sheets are impregnated and coated on both sides with a flameproof compound.

Applications

Thermo-Chem glass fabrics are widely used to seal openings in aircraft firewalls. These materials are also used as boots, bellows, expansion joints, bindings on the mating edges of metal parts, and in other aviation-related applications where flame and fuel resistance is required.

Advantages

As a result of their composition and construction, Thermo-Chem glass fabrics form a non-porous, nonfraying, high tensile strength, flameproof firewall sheet that offers long-term resistance to oils, solvents, vibration and abrasion. In addition, their flexibility enables them to readily conform to a variety of shapes.

Thermo-Chem G-88, G-89 and G-95 meet Federal Aviation Administration requirements for fireproof materials including the ability to withstand a 2000° F (1093° C) flame for at least 15 minutes.

Meets FAA Requirements

Flame & Fuel Resistant

High Conformability

Light-weight & Strong

Thermo-Chem Materials

G-88

Reinforced with stainless steel wire. Saturated and coated with a fluoroelastomer for increased resistance to solvents, hydraulic fluids and aromatics. 400° F (204° C) constant operating temperature.

G-89

Reinforced with stainless steel wire. Saturated and coated with a neoprene compound. Lightweight material. 250° F (121° C) constant operating temperature.

G-95

No wire reinforcement. Saturated and coated with a neoprene compound



Style	Approx. Thickness	Width	Roll	Approx.
			Length	Weight
			lin. yd.	lbs/lin. yd
G-88	0.057"	36"	50	2.9
G-89	0.057"	36"	50	3.4
G-95	0.062"	36"	50	4.9
G-95	0.125" *	36"	25	8.5

*Excluded from flame test.

