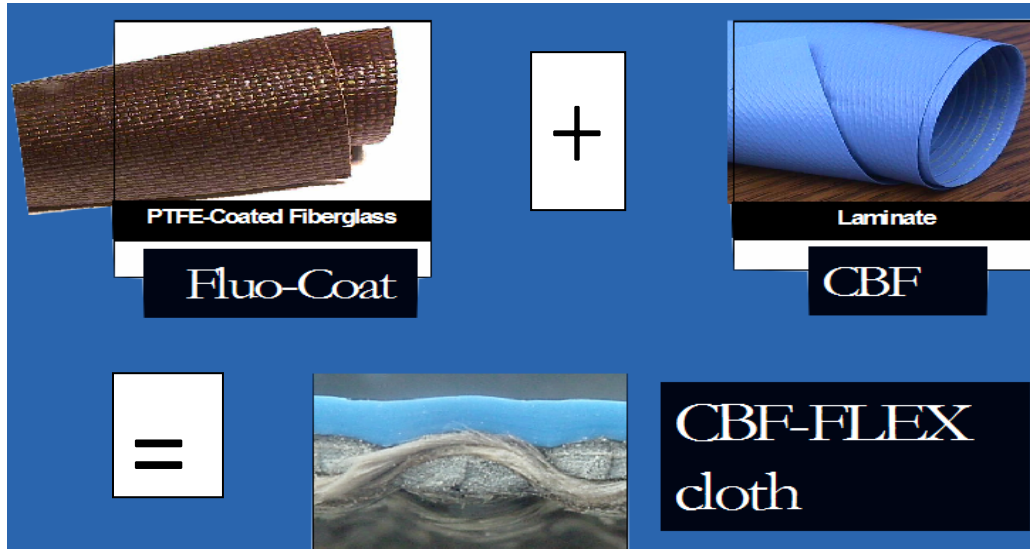


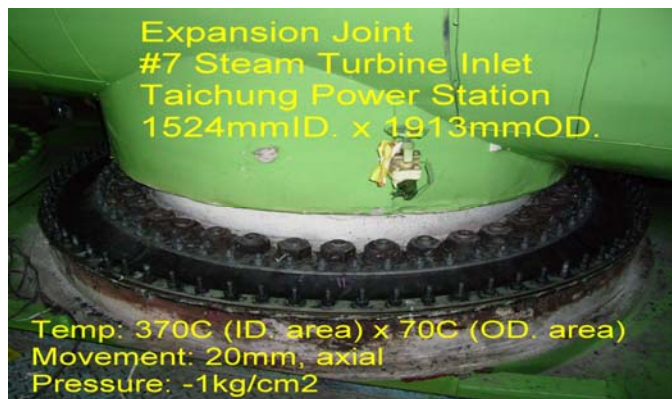
CBF-Flex: CBF + Fluo-Coat The most reliable corrosion barrier



The harsh environment faced by expansion joints in Flue Gas Duct include: corrosive flow medium, temperature fluctuation from high to low and the condensation, mechanical stress by duct movements. Many joints made of PTFE coated and or film laminated fiberglass with low PTFE content or weak film strength failed unexpectedly causing tremendous loss.

Why CBF-Flex

- CBF-Flex is made by lamination of CBF (cross bonded film PTFE film) on Fluo-Coat (rich PTFE coated Fiberglass cloth). It meets or supersedes most requirements on temperature, corrosion resistances and strength found in expansion joint fabrics,
- Resist most chemicals with PH 0 to 14. Application temperature from -73°C to 316°C,
- **360° multi-direction tear strength (most standard Teflon® film show tear strength in one direction only)**
- **Flexing strength is more than 5 times stronger than other Teflon materials. Cracking Resistance is better tby 1000 times than other Teflon® materials (PTFE, PFA, FEP),**
- **CBFis the winner of the awards of "DuPont Plunkett" and "Chemical Processing's Vaaler" and has been recognized by the industries as the strongest PTFE material in the market.**
- **Up to date, more than 3000 pcs of expansion joints installed with success.**



CBF-FLEX

Expansion Joint Product

The CBF-FLEX series are made of CBF film laminated to a FLUO-COAT load bearing component. The CBF corrosion is a 100% PTFE material that is capable of resisting the stress cracking caused by flexing and severe temperature fluctuation in expansion joint applications. The multi-directional strength and durability of CBF allows it to function as a thick PTFE barrier for corrosive chemicals while maintaining a crack-free and flexible surface. By its many successful performance, CBF has been proven to be the **BEST and STRONGEST PTFE materials product.**



TYPICAL PROPERTIES



CBF Film
Fluo-COAT,
Fluoropolymer Coated glass fabric

Materials of construction: Woven fiberglass, Perfluoroplastic resins
 Upper use temperature: 316°C continuous service;
 343°C on an intermittent basis
 Chemical resistance: Excellent, Zero Porosity,

Style	Weight (g/sq.m)	Finished Thickness (mm)	CBF Film Thickness (mm)	Tensile Strength (N/50mm)	
				Warp	Fill
9-153P/F	1562	0.94	0.23	6256	6256
10-176P/F	1765	1.07	0.30	6256	6256
13-214P/F	2137	1.27	0.51	6256	6256
15-265P/F	2645	1.52	0.76	6256	6256
12-204P/F	2035	1.20	0.23	10724	10724
13-224P/F	2238	1.30	0.30	10724	10724
15-272P/F	2679	1.52	0.51	10724	10724
18-312P/F	3120	1.78	0.76	10724	10724

Roll Length: 50m, width : 1422mm to 1498mm

Your Solution For Expansion Since 1989