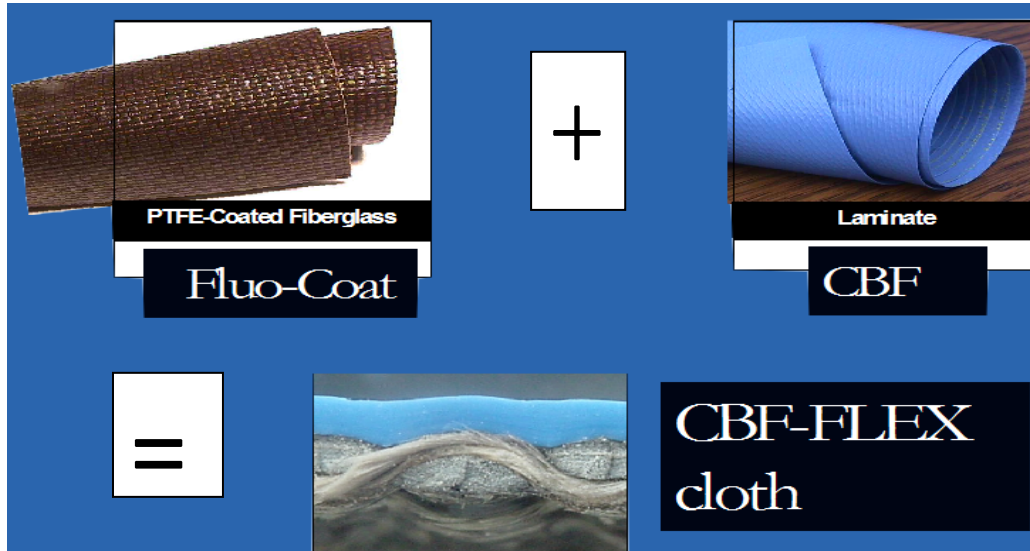


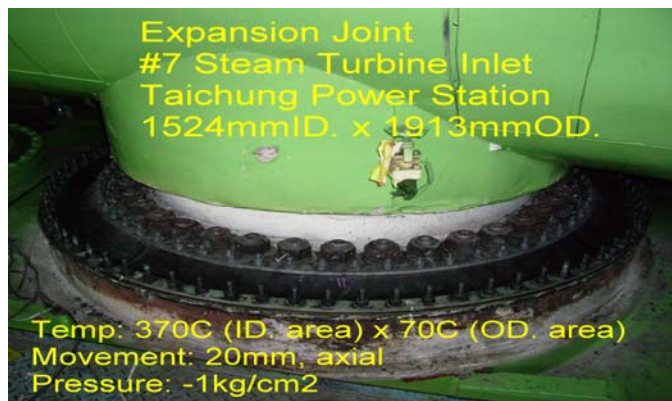
**CBF-Flex: CBF + Fluo-Coat**  
**The most reliable corrosion barrier**



在FGD烟道之膨胀节所面临之严苛条件包含:腐蚀性之烟气或冷凝液体, 高温变位或其它因素所致之机械应力, 有许多含PTFE材层之膨胀节, 因其PTFE含量不足, 或贴合之PTFE膜厚度及强度太低, 完全不适用于FGD之环境, 经常造成膨胀节寿命过短及不可预期之失败, 导致巨额之损失及成本支出.

**采用CBF-Flex之理由**

- 于 Fluo-Coat(PTFE coated Fiberglass cloth) 加贴合一层 CBF 以符合现行所有膨胀节于耐温, 高强度, 及抗腐蚀之需求
- 耐几乎所有之化学物及酸碱, PH: 0-14 耐温: -73°C to 316°C
- 360°多向性之耐撕裂强度; 而一般之 PTFE 膜或薄板仅有单向之抗撕裂强度,
- 耐折曲(flexing)为其它所有 Teflon®或 PTFE 材料之 5 倍以上, 耐裂折强度(Cracking Resistance)为其它 Teflon®系列(PTFE, PFA, FEP)材料之 1000 倍以上
- CBF 为业界公认为结构强度及耐折曲强度最好之 PTFE 系列产品,并得到杜邦公司之"DuPont Plunkett"及美国 "Chemical Processing's Vaaler Award"奖项.
- 超过 3000 个以上膨胀节之实绩,



## 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*