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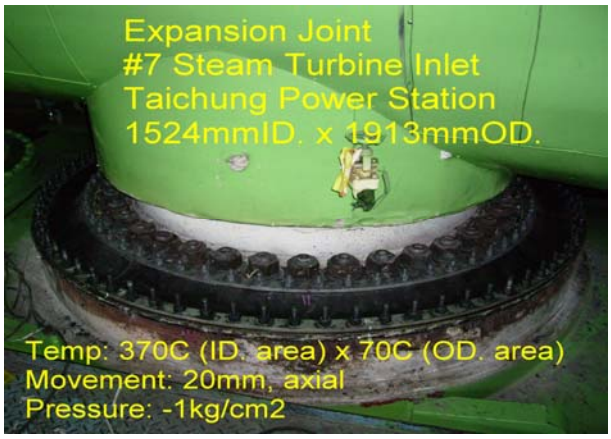
耐腐蝕氣密層CBF-Flex: CBF + Fluo-Coat

在FGD煙道之膨脹接頭所面臨之嚴苛條件包含:**腐蝕性之煙氣或冷凝液體，高溫變位或其它因素所致之機械應力，**有許多含PTFE材層之膨脹接頭，因其PTFE含量不足，或貼合之PTFE膜厚度及強度太低，完全不適用於FGD之環境，經常造成膨脹接頭壽命過短及不可預期之失敗，導致鉅額之損失及成本支出.

採用CBF-Flex之理由

- 於 Fluo-Coat(PTFE coated Fiberglass cloth) 加貼合一層 **CBF** 以符合現行所有膨脹接頭於耐溫，高強度，及抗腐蝕之需求
- 耐幾乎所有之化學物及酸鹼, PH: 0-14 耐溫: -73°C to 316°C
- **360° 多向性之耐撕裂強度**; 而一般之 PTFE 膜或薄板僅有單向之抗撕裂強度,
- **耐摺曲**(flexing)為其它所有 Teflon®或 PTFE 材料之 5 倍以上, **耐裂折強度**(Cracking Resistance)為其它 Teflon®系列(PTFE, PFA, FEP)材料之 **1000** 倍以上
- CBF 為業界公認為結構強度及耐摺曲強度最好之 PTFE 系列產品,並得到杜邦公司之"DuPont Plunkett"及美國■"Chemical Processing's Vaaler Award"獎項.
- 超過 **30000** 個以上膨脹接頭之實績,



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℃ continuous service;
343℃ 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