

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 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 by 1000 times than other Teflon® materials (PTFE, PFA, FEP),**
- **CBF is 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 10000 pcs of expansion joints installed with success.**

