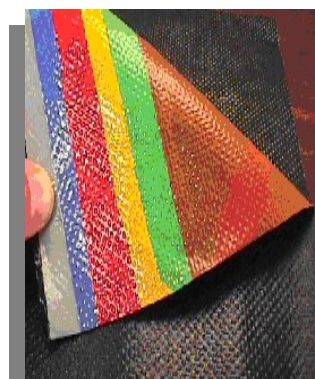


Corrosion Resistance Product

CBF series corrosion resistant liners is made of 100% PTFE and is designed for the most challenging applications in the industry. The flexible CBF series has superior **multidirectional strength and Stress crack resistance**. PF series is a multi-layered crossfilm laminate that is self-supporting. No reinforcing materials, which are susceptible to chemical attack, are needed. **CBF material is the winner of the 1995 DuPont's Plunkett Award and Chemical Processing's Vaaler Award.**



Comparison between CBF material and typical Perfluoroplastic Materials **Flex cycles (ISO 7854-1984)**

CBF material (0.2 to 0.36mm thickness)	Typical skived PTFE (0.13 to 0.38mm thickness)
Approx. 1,071,000 cycles	Approx. 180,000 cycles

Technical Properties

Properties	08-20-F/P	1.3-27-F/P	2.3-46-F/P	3.0-61-F/P	7.6-150-F/P	10-210-F/P	16-350-F/P
Upper use temperature, °C	290	290	290	290	290	290	290
Weight, g/m ²	200	270	457	610	1492	2103	3493
Thickness, mm	0.08	0.13	0.23	0.3	0.76	1.02	1.63
Tensile strength, N/50mm	133	205	223	355	1110	1440	2400
Trapezoid Tear strength, N +/- 10% (ASTM-D5587-05)	55	68	99	155	364	489	1000
PH range	0-14	0-14	0-14	0-14	0-14	0-14	0-14
UV resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
Weathering resistance	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent

Remark-1: Average of test results of 50+ samples