

Expansion Joint Product

The Insul-FLEX series are made of **gas-tight fluoroplastic coated/laminated fiberglass cloth** laminated to insulation into one integral layer. Expansion joints made of INSUL-FLEX will exhibit the following benefits:

- prevent hot gas from residing between the 2 components,
- make installation easier and faster,
- improved filed splicing quality of the insulation materials,
- increase the joint strength (tear and tensile) for longer service life,
- **increase resistance against flex caused by gas turbulence, and**
- **higher application pressure limit**

TYPICAL PROPERTIES



→ **Gas Tight Layer (0.3 to 1.5mmT)**

→ **Insulation (1.0 to 12.7mmT)**

	Available Gas Tight Layer Materials			Available Insulation Materials	
	CBF	FLUO-FLEX	CBF-FLEX	KM600 Needled Blanket	KM600 Fabrics
Grade					
Thickness (mm)	0.3, 0.5, 0.76	0.5, 0.9, 1.2	0.9, 1.2, 1.3, 1.5	6, 10, 12.7	1.0, 1.6, 2.0, 3.0

There are 70 different combinations of above 2 components to meet various application conditions.

PRODUCT EXAMPLE

Product ID.	9-143F/F-1.6	12-204P/F-3.0	9-143F/F-12.7
Insulation (Thickness)	KM600 16-100H/(1.6)	KM600 30-200H/3.0	KM600 Needled Blanket/ 12.7
Gas Tight Layer/ Thickness	FLUO-FLEX 5-75F/F (0.5)	FLUO-FLEX 9-143F/F (0.9)	CBF-FLEX 12-204P/F (1.2)
Temperature Limit °C	330	370	500
Weight (g/m ²)	1740	3400	3800

Your Solution For Expansion Since 1989