



Lamifilm E1000 Series

LamiFilm E1000 Series Expansion joint material

PTFE expansion joint material is made of PTFE, featuring high-temperature resistance, corrosion resistance, low friction coefficient and excellent flexibility. It is widely used in pipeline systems to absorb thermal expansion, compensate for displacement and reduce vibration and noise.

Product Colors: Black is the standard color. (Blue and Rust are options.)

Product Model: Lamifilm-E1004/E1005

Treatment Methods: One side laminated is standard product, Double sides laminated is customized.

◆ Applications and Markets

Pipeline systems for chemical engineering, petrochemicals, power, and metallurgy.



◆ Test Data Sheet

Item	Unit	Test Method	Lamifilm-E1004	Lamifilm-E1005
Total Thickness	mm	Thickness Gauge	0.93	0.95
Film Thickness	mm	Thickness Gauge	0.13	0.13
Standard Width	mm	Micrometer	1500	1500
Gram Weight	g/m2		1350	1350
PTFE Content	%		52	55
Tear Strength TD	N			
Tear Strength MD	N			
Tensile Strength TD	N/50mm	GB/T13542.2-2009	6500	6500
Tensile Strength MD	N/50mm	GB/T13542.2-2009	7000	7000
Composites			One-side	One-side
Max Work Temperature	℃	High-temperature test chamber	316	316

Company Statement: The parameters provided are not used to determine the quality of the film or the final production warranty standards.



