



PTFE Aramid Fabric with Film Lamination

PTFE Aramid Fabric with sealed surface/pinhole free surface

ESONE PTFE Kevlar fabric with film lamination is an advanced upgrade of our standard PTFE coated Kevlar fabric. By laminating a PTFE casting film/FEP film on the surface, the fabric achieves a completely sealed, pore-free finish, offering superior performance in demanding applications.

Advantages

- **Exceptional Micropore-Free Surface** – The laminated PTFE film eliminates micropores, creating a smooth and durable non-stick layer.
- **Extended Service Life** – Enhanced resistance to wear and tear makes it highly reliable in continuous production environments.
- **High Mechanical Strength** – Kevlar base fabric provides outstanding tensile strength, making it suitable for heavy-duty use.
- **Moisture-Resistant** – Performs excellently in humid conditions where conventional fiberglass-based fabrics may fail.

Specification

ESONE's PTFE Aramid fabric is available in standard thicknesses ranging from 0.13 mm to 0.50 mm. The fabric offers very high tear strength and can be customized with an anti-static surface.

With film lamination, the maximum width can reach up to 2 meters, making it suitable for all the machinery models mentioned in the above applications.

Color: ■ Brown or ■ anti-static black

Width: Max 2,000mm (78.7 inches) another width is available

Applications

Food processing (e.g., **pet food, steam food**)

High-performance conveyor belts

Industries requiring **longer belt lifetime** and **reduced machine downtime**



PTFE Aramid Fabric with Film Lamination Properties

Model Name	ESLAM TT45K	ESLAM SS45K
Thickness mm(mil)	0.45(18)	0.45(18)
Weight g/m²(oz/yd²)	750(22.12)	750(22.12)
Tensile Strength N/cm(lb/in)	1380(788)	1380(788)
PTFE Content (%)	63	63
Color	Tan	Anti-static Black
Description	Sealed surface (Film laminted)	Sealed surface (Film laminted)



+86(0)523 80721510 +86 13901437262
sales@esone.com www.ptfe-fabrics.com

JIANGSU ESONE NEW MATERIAL CO.,LTD
8th Hengfeng Road Agricultural Products Processing Zone, Taixing, Jiangsu, China 225400

TAIXING YOUNGSUN FL-PLASTICS CO.,LTD
West End of South Third Ring Road, Taixing, Jiangsu, China 225400