



FEP HIGH TEMPERATURE FILM

Premium Fluoropolymer Film for Advanced Applications



HIGH TEMPERATURE
RESISTANCE



EXCELLENT CHEMICAL
RESISTANCE



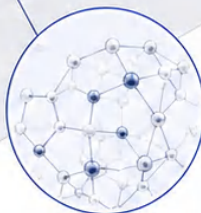
ELECTRICAL
INSULATION



HIGH TRANSPARENCY
& CLARITY



HEAT SEALABLE
& LOW FRICTION



FEP Film Structure
Made from high-purity fluorinated ethylene propylene copolymer with excellent chemical inertness, thermal stability and dielectric properties.

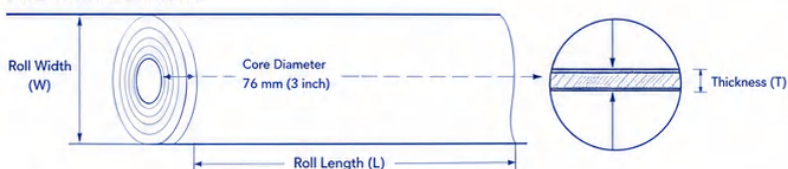
TECHNICAL SPECIFICATIONS

Property	Test Method	Unit	Typical Value
Material	-	-	FEP
Density	ASTM D792	g/cm ³	2.15 – 2.18
Thickness	ASTM D374	mm	0.012 – 0.20
Light Transmittance	ASTM D1003	%	≥ 95
Haze	ASTM D1003	%	≤ 3
Melting Point	DSC	°C	260
Operating Temperature	-	°C	-200 ~ +205
Dielectric Strength	ASTM D149	kV/mm	≥ 40
Volume Resistivity	ASTM D257	Ω·cm	≥ 1×10 ¹⁸
Surface Resistivity	ASTM D257	Ω/sq	≥ 1×10 ¹⁷
Chemical Resistance	-	-	Excellent
Flammability	UL 94	-	V-0
RoHS / REACH	-	-	Compliant

STANDARD SIZE

Thickness	0.012 mm	0.025 mm	0.05 mm	0.075 mm
	0.10 mm	0.125 mm	0.15 mm	0.20 mm
	(Custom thickness available)			
Width	300 mm	600 mm	800 mm	1000 mm
	1200 mm	(Custom width available)		
Roll Length	10 m	30 m	50 m	100 m
	(Custom length available)			
Core Diameter	76 mm (3 inch)			
Surface	Smooth, clean, pinhole-free			
Color	Transparent / Clear			
Packaging	PE bag + Carton / Pallet			

DIMENSIONAL DRAWING



TYPICAL APPLICATIONS



Lithium Battery
Packaging



Photovoltaic
Encapsulation



Semiconductor
Manufacturing



Aerospace
Insulation



Composite Material
Release Film



High Temperature
Release Applications

NOTES

- All values are typical and not intended for specification purposes.
- Custom thickness, width and length are available upon request.
- Films should be stored in a clean, dry environment temperature 5°C to 35°C, away from direct sunlight.

ORDER INFORMATION

FEP Film – Thickness × Width × Length

Example:

FEP Film – 0.05 mm × 1000 mm × 50 m

(Other specifications can be customized)