

## SKIVED - EXTRUDED - BLOW FLUOROPOLYMER FILMS

The Tekfilm<sup>®</sup> film range includes PTFE, FEP, PFA, MFA skived films and tapes in addition to melt extruded FEP, ETFE, PFA, THV, PVDF films and tapes.

Film modifications available for direct use in customers' application:

- flattening
- calendaring
- surface treatment: Sodium Naphthalene chemical etching, corona and plasma treatment
- adhesive coating

## SKIVED

### PTFE STANDARD SKIVED TEKFILM<sup>®</sup>

Tekfilm<sup>®</sup> skived PTFE is produced by compression molding a large cylindrical billet and "skiving" the film off of the billet in a lathe. Standard, modified, conductive and antistatic, pigmented PTFE available in a wide range of thicknesses with tight tolerances.

Thickness [mm]	Tolerance [mm]	Width [mm]	Tolerance [mm]	Width 1000 [mm]	Width 1200 [mm]	Width 1500 [mm]
<b>STOCK</b>						
0,025	+0,005 -0	Max 1300	+20 -0	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
0,050	+0,01 -0	Max 1500	+20 -0	NOT AVAILABLE	AVAILABLE	NOT AVAILABLE
0,100	+0,01 -0	Max 1500	+20 -0	NOT AVAILABLE	AVAILABLE	NOT AVAILABLE
0,150	+0,02 -0	Max 1500	+20 -0	NOT AVAILABLE	AVAILABLE	NOT AVAILABLE
0,200	+0,02 -0	Max 1500	+20 -0	NOT AVAILABLE	AVAILABLE	NOT AVAILABLE
0,250	+0,02 -0	Max 1500	+20 -0	NOT AVAILABLE	AVAILABLE	NOT AVAILABLE
0,300	+0,02 -0	Max 1500	+20 -0	NOT AVAILABLE	AVAILABLE	NOT AVAILABLE
0,400	+0,03 -0	Max 1500	+20 -0	NOT AVAILABLE	AVAILABLE	NOT AVAILABLE
0,500	+0,03 -0	Max 1500	+20 -0	AVAILABLE	AVAILABLE	NOT AVAILABLE
0,600	+0,04 -0	Max 1500	+20 -0	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
0,800	+0,04 -0	Max 1500	+20 -0	NOT AVAILABLE	AVAILABLE	NOT AVAILABLE
1,000	+0,05 -0	Max 1500	+20 -0	AVAILABLE	AVAILABLE	NOT AVAILABLE
1,500	+0,10 -0	Max 1500	+20 -0	AVAILABLE	AVAILABLE	NOT AVAILABLE
2,000	+0,20 -0	Max 1500	+20 -0	AVAILABLE	AVAILABLE	NOT AVAILABLE
2,500	+0,30 -0	Max 1500	+20 -0	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
3,000	+0,30 -0	Max 1500	+20 -0	NOT AVAILABLE	AVAILABLE	NOT AVAILABLE
4,000	+0,40 -0	Max 1500	+20 -0	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
5,000	+0,50 -0	Max 1500	+20 -0	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
6,000	+0,60 -0	Max 1500	+20 -0	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

### GFI - ULTRA FLAT PTFE SKIVED TEKFILM<sup>®</sup>

A proprietary flattening process is used to produce an ultraflat film eliminating the curling effect typical of the PTFE skived films

Type	Code	Thickness [mm]	Max Width [mm]	Colour	Roll Length
Tekfilm Ultra Flat Film	GFI 400	from 0,025 to 0,508	1500	Natural	To customers' specifications

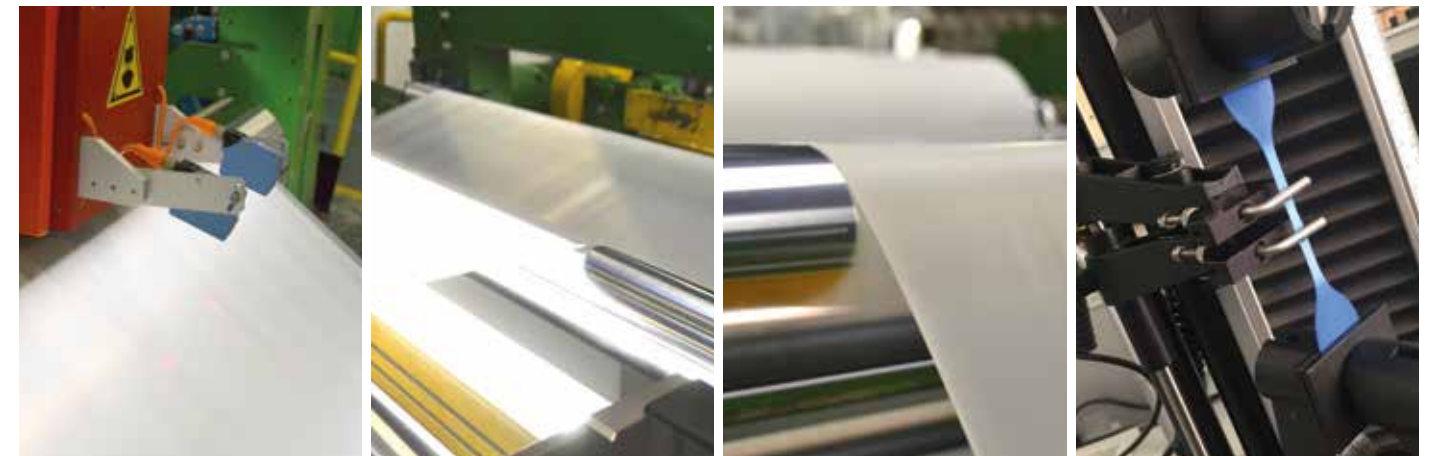
### CALFILM GF - CALENDERED PTFE SKIVED TEKFILM<sup>®</sup>

Oriented high modulus PTFE skived films and tapes. The main benefit are:

- higher elastic modulus
- higher dielectric strength
- lower porosity
- reduced cold flow
- better transparency

Type	Code	Thickness [mm]	Max Width [mm]	Colour	Roll Length [mt]
Calendered Film	CALFILM G400	0,051	600 *	Natural	600-660
Calendered Film	CALFILM G511	0,051	600 *	Orange	600-660
Calendered Film	CALFILM G481	0,051	600 *	Blue	600-660

\* TAPE on Request



### FEP - PFA - MFA - THERMOPROCESSABLES FLUOROPOLYMER SKIVED TEKFILM<sup>®</sup>

High molecular weight grades transformed with a proprietary hot compression molding and skiving processes

Type	Code	Thickness [mm]	Max Width [mm]	Colour	Roll Length
FEP	FEP 2000S	from 0,05 to 3	1200	Natural	To customers' specifications
PFA	PFA 2400S	from 0,25 to 3	1200	Natural	To customers' specifications
MFA	MFA 3000S	from 0,05 to 3	1200	Natural	To customers' specifications

# EXTRUDED

## THERMOPROCESSABLE FLUOROPOLYMER EXTRUDED TEKFILM®

Melt extruded films processed with state of the art technologies in very thin thicknesses (down to 13 µm) at wide width (up to 2000 mm)  
Surface treatment on one or both sides available

### FEP

Type	Code
Cast extruded film	FEP2000E
Colour	Roll Length
Natural Clear / Red / Dark Red	To customers' specifications

Thickness [µm]	13	20	25	50	100	>100	Max. 250
Width max [mm]	1750	1780	1780	1850	1950	2000	

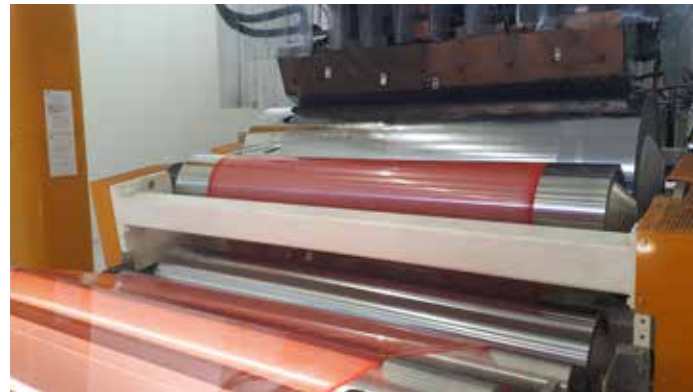
- Slitting available for thickness between 0,05 -0,2 mm. and width ≥ 25mm
- Standard offerings: film Width 1220 mm / Thickness 0,013 mm / Length 150 MT / Colour Red
- Mechanical grade available

### ETFE

Type	Code
Cast extruded film	ETFE2600E
Colour	Roll Length
Natural Clear / Blue / Dark Blue	To customers' specifications

Thickness [µm]	15	20	25	50	100	>100	Max. 250
Width max [mm]	1750	1780	1780	1850	1950	2000	

- Slitting available for thickness between 0,05 -0,2 mm. and width ≥ 25mm
- Standard offerings: film Width 1220 mm / Thickness 0,015 mm / Length 150 MT / Colour Blue
- Mechanical grade available



### PFA

Type	Code
Cast extruded film	PFA2400E
Colour	Roll Length
Natural Clear	To customers' specifications

Thickness [µm]				25	50	100	>100	Max. 200
Width max [mm]				1750	1800	1850	1850	

- Slitting available for thickness between 50 and 100 µm
- Perforation capability available
- Mechanical grade available

### PVDF

Type	Code
Blow extruded film	PVDF2800B
Colour	Roll Length
Natural Clear	To customers' specifications

Thickness [µm]					50	100	150	Max. 150
Width max [mm]					450	400	350	

- Slitting available for thickness between 50 and 150 µm

### THV

Type	Code
Cast extruded film	THV2200E* (THV500)
Colour	Roll Length
Natural Clear	To customers' specifications

Thickness [µm]					75	100	>100	Max. 200
Width max [mm]					1800	1900	2000	

- Slitting available for thickness between 75 and 180 µm
- Food & conductive (black) grades available

\* Other THV grades available on request