

# FENC Film

## Specification

Type: **SHFTU50**

FENC FILM is a heat-shrinkable polyester film with excellent uniformity and stability shrinking behaviors for packing applications. It is suitable for the shrinking process by hot air and steam tunnels, meet the requests in variable packaging products, for instance, special shapes, special shrinking requirement....

### Characteristics :

- Exclusive Co-PET technology for shrink film
- Good printability
- Smooth shrinking curve/Stable shrinkage
- Good for automatic sleeving machine
- Environmental friendly

### Applications :

- Shrink Label / film / Sleeves
- Shrink tube for electron
- Gather packing

### Typical Physical Properties

Properties		Unit	Spec.	Test Method
<b>Thickness</b>		μm	50 ± 2.5	ASTM D 1400
<b>Shrinkage</b>	-Transverse Direction(TD)	%	75± 5	Fenc Method (95°C,10 Sec.in water)
	-Machine Direction(MD)		≤ 5	
<b>Tensile strength</b>	-Transverse Direction(TD)	Psi	>30000	ASTM D-882
	-Machine Direction(MD)		>6000	
<b>Haze</b>		%	≤ 4	ASTM D-1003
<b>Gloss@ 60° degrees</b>		%	> 120	ASTM D-523
<b>Coefficient of friction(μs/μk)</b>			0.45/0.37	ASTM D 1894
<b>Density</b>		g/cm <sup>3</sup>	1.32	
<b>Weight per unit area</b>		g/m <sup>2</sup>	66.00	ASTM D-1505
<b>Material yield</b>		m <sup>2</sup> /kg	15.15	ASTM D-1505

<b>Reel width</b>	(standard)	mm	420~1,220	Tolerance: +2~-0 Other width on request
<b>Reel diameter</b>	(standard)	mm	≤ 360	3" Core paper Other diameter on request

<b>Packing</b>	(standard)	One-way pallets (1100*1300mm, 1100*800mm), stretched film protected, fork-lift-handling from all sides, reels laying or staying, for stockpiling.		
<b>Storage</b>		Never exposure under sunlight and storage below 40°C		

- Unit Correlation :  $N/ mm^2 = kg/ mm^2 \times 9.8$   
 $Psi = kg/ mm^2 \times 1422.3$

All details in this data sheet are based on our present technical knowledge.

They neither guarantee certain characteristics of products nor their suitability for a particular application.



**FAR EASTERN NEW CENTURY CORPORATION**

33F,Taipei Metro Tower 207,Tun Hwa South Rd. Sec 2,Taipei , Taiwan,R.O.C.  
TEL:+886-2-27378870,2-27378825 Fax:+886-2-2735-8270,2-2377-2947

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## FENC Film, SHFTU50, Shrink Curve

