

## Garfilm High Shrink

**Profile** : It is mono-axially oriented transparent, co-polyester high shrink film. One side chemically coated PT0814

**Applications:** Sleeves, full-body cover

### Typical lab test results:

Properties	UNIT	Value	ASTM #	Remarks
Thickness	µm	40/45/50	E 252	(Tolerance: ± 5 %)
Density	g/cm <sup>3</sup>	1,32	D1505	(Tolerance: ± 0,02 g/cm <sup>3</sup> )
Wetting Tension	Dynes/cm	42 - 44	D2578	Uncoated side
		48±2	do	As coated side
<b>Tensile strength</b>				
- Machine Direction (MD)	Kg/cm <sup>2</sup>	600	D882	Tolerance ± 150
- Transverse Direction (TD)	Kg/cm <sup>2</sup>	3100	D882	Tolerance ± 400
<b>Elongation at break</b>				
- Machine Direction (MD)	%	550	D882	Tolerance ± 150
- Transverse Direction (TD)	%	85	D882	Tolerance ± 20
<b>Shrinkage</b>				
- Machine Direction (MD)	%	<4	GPL	98°C, 30sec. in water ,
- Transverse Direction (TD)	%	75	GPL	(Tolerance: ± 3)
<b>Haze</b>	%	5	D1003	(Tolerance: ± 2)
<b>Gloss</b>	60 deg	160	D2457	Gardner value. Tolerance ± 15
<b>COF ( Dynamic )</b>	-	0,5	D1894	One side to other side ± 0.1
<b>Sealing (1,3-dioxolane)</b>		high		GPL method.
<b>Reel diameter (standard)</b>	mm	500		other diameter on request
<b>Reel width (standard)</b>	mm	300-1200		(Tolerance: ± 2 mm)
<b>Wetting Tension (Dyne)</b>		Min.	Max.	
<b>coated side</b>		48	50	
<b>uncoated side</b>		42	44	
<b>Packaging (standard)</b>	Rolls are packed in insulated boxes, which are palletized on wooden pallets. There after Stretch wrapped, fork-lift-handling from all sides is possible, reels laying is horizontal for proper stacking..			
<b>Storage</b>	Conditioning to working conditions should be done for min 24 hours. Storage above 30°C and continuous exposure to direct sunlight can cause damage of the film or loss of properties.			

Other thicknesses on request with Medium and low shrink variants.

### Note :

The above results are provided as guidelines no liability will be accepted as conditions at customer end are beyond our control. The product can be modified time to time as a part of product up-gradation and development without notice.