

Technical Data Sheet



PVC SHRINK FILM (ECOWISE H300)

Description: PVC shrink film for shrink sleeve and label used for hot air and steam tunnel
 Color: Transparent
 Surface: Glossy

Properties		Unit	Data	Test Method	
Thickness (Tolerance : $\pm 3\mu\text{m}$)		μm	35~60	ASTM D 374	
Density		g/cm^3	1.34	ASTM D 1505	
Haze		%	1.0	ASTM D 1003	
Gloss		%	156	ISO 2813	
Yield		m^2/kg	35 μm	21.32	ASTM D 1505
			40 μm	18.66	
			50 μm	14.93	
			60 μm	12.44	
Surface Resistance		Ω	10^{13}	JIS 61340	
Coefficient of Friction	In-side	-	0.35	ASTM D 1894	
	Out-side		0.35		

Regulations: Hanwha PVC shrink films meets below regulations

- US FDA 21 CFR 175.300, 177.1975
- EU regulation 1907/2006EC
- Hanwha shrink films do not contain DEHP(diethylhexyl phthalate) or DBP(diputyl phthalate) or other additives phthalate with reference to EPA 8061A, GC/MS.

Storage:

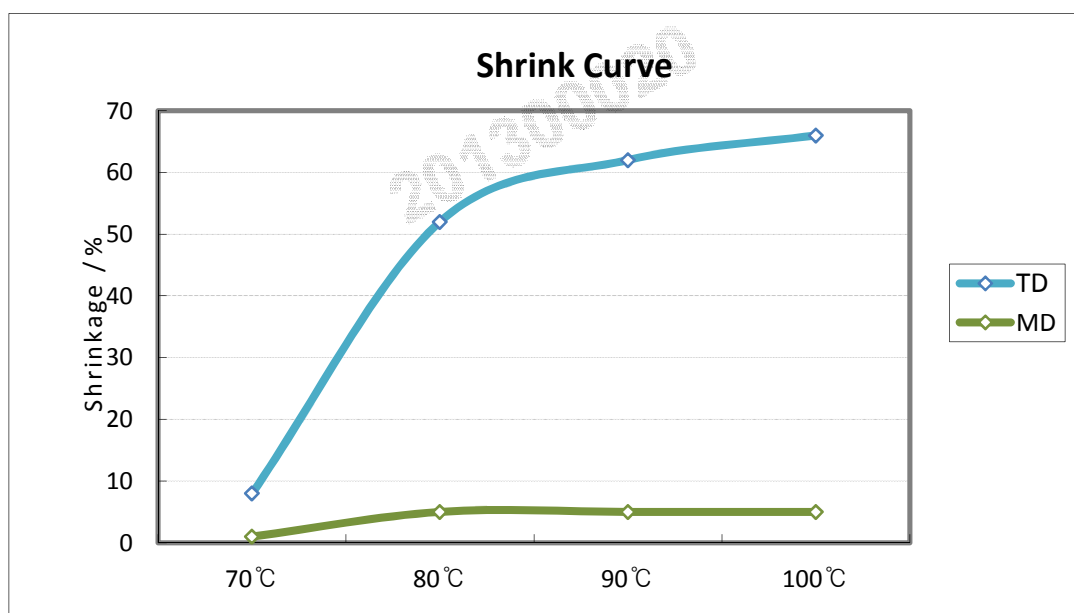
- Keep the film below 29°C (85°F) and relative humidity 55-70%
- Avoid direct sunlight
- Store on the flat floor
- Do not erect films
- Do not separate a disk before using film
- Use of the material is recommended within 6 months after on board date

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Properties	Unit	Data		Test Method	
		TD	MD		
Tensile Strength	kgf/cm ²	1477.9	380.3	ASTM D 882	
Elongation	%	19.3	256.3		
Tear Resistance	kgf/cm	2136.6	532.4	ASTM D 1938	
Heat Shrinkage (Tolerance : ±3%)	70 °C	%	8	1	Soaking into hot water for 10sec
	80 °C		52	5	
	90 °C		62	5	
	100 °C		66	5	



* This information is based on currently available technical materials.

* The data is subject to change due to new experience and knowledge.

* The information contained herein is for informational purposes only and is not promised or guaranteed anything.

Hanwha L&C corporation Center1, 26, Eulji-ro 5-gil, Jung-gu, Seoul, Korea

Phone: 82 2 6364 7742 Fax: 82 2 6364 7709 www.hlcc.co.kr