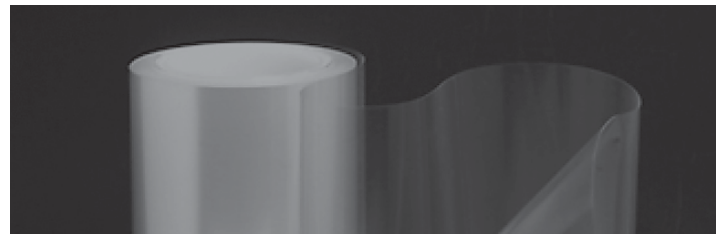




DICING TAPES

ProFilm™ DX112A

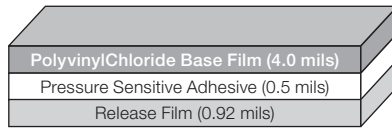


A protective surface film, Advantek ProFilm™ DX112A helps ensure consistent, precise and repeatable wafer production yields through the use of superior coating technology. DX112A offers Total Thickness Variation (TTV) control, expandable base film and a special low-extractable release liner to significantly reduce silicon residue.

- Specially formulated PVC film for unparalleled protection
- Coated with stable bond pressure sensitive adhesive
- Features expandable base film
- Results in consistent release of sawn die
- Film is transparent and untinted to help human and electronic defect recognition

Construction

Advantek ProFilm™ DX112A is constructed in three layers:



Configurations

DX112A is available in a variety of configurations. Standard widths include 200mm, 230mm, 250mm, 275mm, 300mm, 330mm and 400mm. Rolls are provided in splice-free lengths of 100m on a 3" I.D. plastic core. Both custom widths and lengths may be available by special request. ProFilm™ DX112A rolls are polybag wrapped and individually boxed.

Shelf Life and Storage

Advantek ProFilm™ DX112A should be stored in a climate controlled environment where conditions do not exceed 25°C (75°F). If stored as recommended, the product will yield a shelf life of 6 months from the date of manufacture found on the core label.

Advantek ProFilm™ DX112A Material Properties

Property	Typical Value	Test Method/Standard
Adhesive Strength	100g	ASM D 1000
Tensile Strength	19.3 N/mm ² MD 22.0 N/mm ² TD	ASTM D 882
Elongation	>175% MD >350% TD	ASTM D 882
Thickness w/o Release Liner	112.5µ (4.5 mils)	ASTM D 1005
Temperature Resistance	<5 min. @ 50-60°C >5 min. @ 40-45°C	

The values presented for this product are typical laboratory data and may be changed without notice.

Advantek ProFilm™ DX112A Material Ionics Data (ppm)

Fluoride	<0.025
Chloride	0.105
Bromide	<0.025
Nitrate	<0.025
Phosphate	<0.025
Sulfate	<0.025
Sodium	0.29
Ammonium	<0.025
Potassium	0.046
Magnesium	<0.02
Calcium	0.05

The above is typical data and should not be used for any specification purposes.



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Embossed Carrier Tapes	SFT®	Complex Designs	Basic Designs	Interleaf Tapes		
Cover Tapes	Heat Activated	Pressure Sensitive				
Packaging Reels	Pro	Ultra	Lite	Trimline		
Barrier Bags	DRYLOK®	STATLOK®				
Bands	PROBAND®	LOKBAND®				
Humidity Indicator Cards	1 Spot	3 Spot	4 Spot	6 Spot		
Desiccant	1/3 Unit	1/2 Unit	1 Unit	2 Unit	4 Unit	8 Unit
Dicing Tapes	UV Cured	Non UV Cured				

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