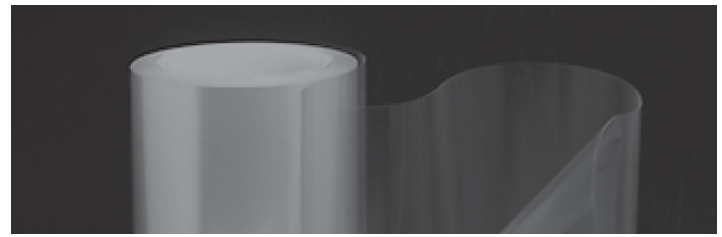




DICING TAPES

ProFilm™ DX266C

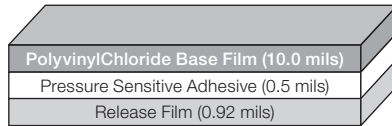


Advantek ProFilm™ DX266C, a protective surface film, is designed to ensure consistent, precise and repeatable wafer production yields. Enhanced by superior coating technology, DX266C delivers Total Thickness Variation (TTV) control, expandable base film and a special low-extractable release liner to significantly reduce silicon residue.

- Thick film, excellent for substrate dicing
- Specially formulated PVC film for unparalleled protection
- Coated with stable bond pressure sensitive adhesive
- Results in consistent release of sawn die
- Film is transparent and untinted to help human and electronic vision die defect recognition

Construction

Advantek ProFilm™ DX266C is constructed in three layers:



Configurations

DX266C is available in a variety of configurations. Standard widths include 200mm, 230mm, 250mm, 275mm, 300mm, 330mm and 400mm. Rolls are 100mm in length, splice-free, and wound on a 3" I.D. plastic core. Both custom widths and lengths may be available by special request. ProFilm™ DX266C rolls are polybag wrapped and individually boxed.

Shelf Life and Storage

Advantek ProFilm™ DX266C 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™ DX266C Material Properties

Property	Typical Value	Test Method/Standard
Adhesive Strength ¹	525g/25mm	ASM D 1000
Tensile Strength	24 N/mm MD 20 N/mm TD	ASTM D 882
Elongation	>400% MD >400% TD	ASTM D 882
Thickness w/o Release Liner	267μ (10.5 mils)	ASTM D 1005
Temperature Resistance	<5 min. @ 60-70°C >5 min. @ 50-55°C	

¹ Bond Test on Stainless Steel Wafer at 180° peel angle and 300mm/min peel and stretching speed. The values presented for this product are typical laboratory data and may be changed without notice.

Advantek ProFilm™ DX266C Material Ionics Data (ppm)

Fluoride	<0.025
Chloride	0.14
Bromide	<0.025
Nitrate	<0.025
Phosphate	<0.025
Sulfate	<0.025
Sodium	0.29
Ammonium	0.08
Potassium	0.09
Magnesium	<0.02
Calcium	0.09

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



Our wide line of component packaging products offers the flexibility you need to balance price and performance.



ADVANTEK®
engineered confidence™

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				

Germany: +49-761-45546-0
 North America: +1-510-623-1877
 Philippines: +63-49-545-6350
 Singapore: +65-6759-6800
 China: +86-21-5048-4588
 Taiwan: +886-2-2290-1789
 Japan: +81-49-229-5100

advantek.com