



ProFilm DX266C Dicing Tape

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

ProFilm™ DX266C is constructed in three layers:

PolyvinylChloride Base Film (10.0Mils)
Pressure Sensitive Adhesive (0.5Mils)
Release Film (0.92Mils)

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

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.

ProFilm DX266C Material Properties

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.

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	-

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

DX266C Material Ionics Data										
Fluoride	Chloride	Bromide	Nitrate	Phosphate	Sulfate	Sodium	Ammonium	Potassium	Magnesium	Calcium
<0.025	0.14	<0.025	<0.025	<0.025	<0.025	0.29	0.08	0.09	<0.02	0.09