

SURFACE PROTECTION



GENERAL PRODUCT INFORMATION:

- Industry leading "adhesiveless" masking film with natural cling adhesion, provides easy on/easy off performance
- Specialty materials, state of the art equipment, and controlled processes deliver ultra-low gel films
- ISO Class 7 & 8 cleanroom production delivers cleaner film suitable for sensitive substrates
- Available in roll form with core ID of 150mm (6 inches) / 76mm (3 inches) and widths up to 2.8 meters (110 inches)
- Excellent roll construction up to 13,800 meters (15,100 yards)

FEATURES:

- Excellent roll confirmation
- Consistent adhesion strength throughout the roll length
- No interlayer blocking throughout the roll, enabling customers to use entire roll length
- Easy on / easy off without damaging soft and sensitive substrate film
- "Adhesiveless" film with natural cling adhesion
- Industry leading ultra-low gel films (See graph below to the left)
- Uniform and controlled matte side surface roughness
- Contamination free film produced in ISO Class 7 & 8 cleanroom environment
- Excellent adhesion stability with time and temperature (See graph below to the right)
- Quality controlled with 100% inspection by multiple in-line defect cameras

APPLICATIONS:

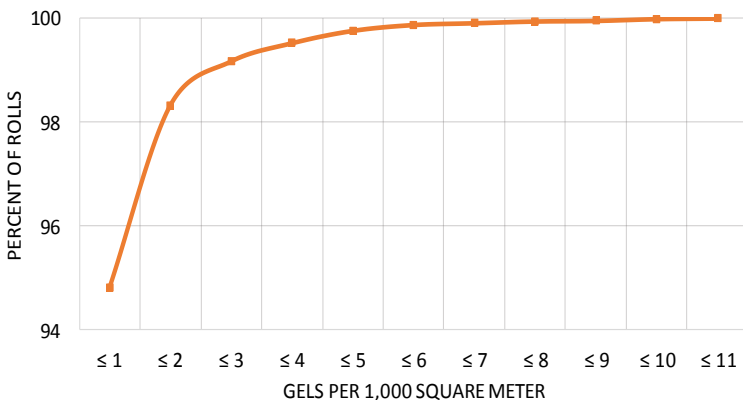
Smooth surface substrates

- COP (Cyclic Olefin Polymer)
- Acrylic
- Polycarbonate
- PET
- Glass

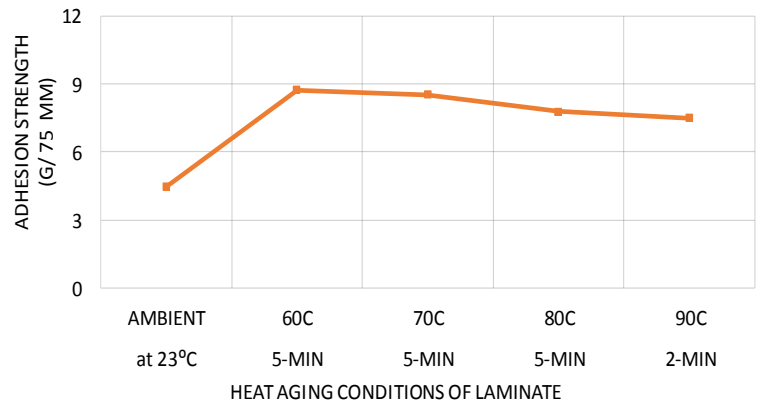
Smooth and sensitive high performance optical films

- Brightness enhancing films
- Polarizer films
- Reflector films
- Retardation films
- And more...

CUMULATIVE FREQUENCY
GELS 0.3 TO 1.0 MM



ADHESION STRENGTH STABILITY
AT ELEVATED TEMPERATURES



SURFACE PROTECTION

DIMENSIONS:

Thickness
Width
Yield

VALUE:

28.4 microns
up to 2.8 meters
(110 Inches)
38.3 m² /kg

TEST METHOD:

*QETM 14

PHYSICAL PROPERTIES:

MD Tensile

19.6 MPa

*QETM 1

TD Tensile

14.7 MPa

*QETM 1

MD Elongation

360 %

*QETM 1

TD Elongation

500 %

*QETM 1

Secant modulus

155 MPa

*QETM 1B

Haze

70 %

*QETM-4B

180° peel force 75mm (3 inches) wide PC

4 to 10 grams

*QETM-169

*QETM (Quality Evaluation Test Method)

All above values are typical but not standard values.

SAMPLES AVAILABLE UPON REQUEST IN DIPLOMA ROLL FORM.

Diploma rolls - 210mm wide by 30 meters long on a 30mm core ID. These samples are similar to the roll stock we provide. Customized product widths available.

For general questions, inquiries, and customization requests—please contact:

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