DATASHEET · SURFACE PROTECTION

Protective Film

PE, PET and PU protective film plus UV dicing film. Protects glass, lenses, high-gloss plastics, touch screens and cut parts from scratches and contamination, and peels off clean. Supplied from Toronto across Canada.

PE protective film (acrylic adhesive, transparent)

SERIES	THICKNESS (MM)	PEEL (G/25 MM)	SHORT / LONG-TERM (°C)	FEATURE
AHS-6105	0.05	3 – 10	60 / 50	Multi-adhesion
AHS-6109	0.09	15	60 / 50	Multi-adhesion
AHS-6114	0.14	600	120 / 80	Heat resistance
AHS-6105ESD	0.05	3	65 / 80	Anti-static
AHS-6105E	0.05	6	65 / 80	Multi-adhesion

PET protective film

SERIES	TOTAL (MM)	ADHESIVE	LIGHT TRANSMITTANCE	PEEL (G/25 MM)	TEMP. RESISTANCE	BACKING (MM)	LINER (MM)
AHS-62035	0.035	Acrylic	>80%	5 – 300	160 °C · 1 h	0.025	—
AHS-6205	0.05	Acrylic	>80%	5 – 300	160 °C · 1 h	0.036	—
AHS-6210	0.1	Acrylic	>80%	5 – 300	160 °C · 1 h	0.075	—
AHS-6212D	0.12	Silicone	>90%	1 – 10	180 °C · 2 h	0.075	0.05
AHS-6205ESD	0.05	Silicone	>88%	15 – 20	120 °C · 72 h (double anti-static)	0.036	0.036

PU protective film (anti-static polyurethane adhesive, PET release film)

SERIES	TOTAL (MM)	PEEL (G/25 MM)	TEMP. RESISTANCE	FILM SURFACE RESISTANCE	BACKING (MM)	LINER (MM)	PU ADHESIVE SURFACE RESISTANCE
AHS-6405	0.05	1 – 3	80 °C · 72 h	—	0.036	0.025	—
AHS-6406	0.06	1 – 3	80 °C · 72 h	10^9 – 11	0.05	0.05	10^8 – 10
AHS-64065	0.065	4 – 6	120 °C · 2 h	10^9 – 11	0.05	0.05	10^8 – 10
AHS-64085	0.085	4 – 6	80 °C · 72 h	10^9 – 11	0.075	0.036	—

UV dicing film (acrylic adhesive, PET release liner)

SERIES	TOTAL (MM)	BASE FILM	PEEL AFTER UV (GF/25 MM)	BASE FILM (MM)	LINER	TENSILE (N/10 MM)	ELONGATION (%)
AHS-6309	0.09	PO	300	0.08	PET film	MD 21 / TD 18	MD 600 / TD 600
AHS-6313	0.13	PO	1000	0.1	PET-36	MD 26 / TD 22	MD 600 / TD 600

SERIES	TOTAL (MM)	BASE FILM	PEEL AFTER UV (GF/25 MM)	BASE FILM (MM)	LINER	TENSILE (N/10 MM)	ELONGATION (%)
AHS-6317	0.17	PO	1200	0.15	PET-36	MD 38 / TD 31	MD 600 / TD 600
AHS-6306	0.06	PET	800	0.05	PET-25	MD 19 / TD 21	MD 140 / TD 120
AHS-6313-1	0.13	PET	2000	0.1	PET-36	MD 21 / TD 23	MD 150 / TD 130

UV dicing film is quoted on request; tell us the material you are cutting.

Not listed? Contact us: we slit to size, die-cut to drawing and can source other series on request.

FREE SAMPLES AND QUOTES

(647) 542-5444 · sales@extremetemp.ca · extremetemp.ca · Mon–Fri 8:00 AM–5:00 PM ET

Extreme Temp Solutions · Toronto, Ontario. Values are typical figures from the manufacturer's data, for reference only; confirm against your application and test a sample on your line. ETS is not affiliated with 3M, DuPont or Chemours. Kapton is a registered trademark of DuPont; Teflon is a registered trademark of Chemours.