

Grinding & Dicing Film

DESCRIPTION

Silicone-free adhesive plastic films contain absolutely NO silicone release agents, resulting in a much cleaner process and more consistent adhesive properties. They share both the same linear elongation properties and uniformity of base film as well as adhesive properties similar to our other film lines.



ADHESIVE FILM QUICK REFERENCE

Partnumber		1003R	1004R	1005R	1007R	1008R	1009R
Film Colour		Blue	Blue	Blue	Blue	Blue	Blue
Adhesion 180° peel angle	30min.* (g/25mm)	350	160	90	70	95	30
	24hrs.** (g/25mm)	520	270	170	135	170	50
Thickness	Total (mμ)	139	130	125	80	80	80
	Adhesive (mμ)	14	15	10	10	10	10
	Base Film (mμ)	125	115	115	70	70	70
	Backing Film (mμ)	N/A	N/A	N/A	N/A	N/A	N/A
Material	Base Film ***	PVC	PVC	PVC	PVC	PVC	PVC
	Adhesive	Rubber	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic
	Backing Film	N/A	N/A	N/A	N/A	N/A	N/A
	Core	PVC	PVC	PVC	PVC	PVC	PVC

* Adhesion strength 30 minutes after film has been laminated on polished stainless steel.

** Adhesion strength 24 hours after film has been laminated on polished stainless steel.

*** Silicon Release Agent Free

**SILICONE FREE ADHESIVE FILM:
1003R, 1004R, 1005R, 1007R, 1008R, 1009R**

P/N	Description	Adhesion*
1003R	Blue Adhesive Plastic Film (PVC), Silicone Release Agent-Free, High Adhesive Strength, 135 microns thick, supplied in 100 meter (330') rolls without backing (typical use - wafer and ceramic dicing). Standard widths: 6.0", 6.5", 7.0", 7.5", 8.0", 8.5", 9.0", 9.5", 10.0", 10.5", 11.0", 11.5", 12.0", 12.5", 13.0", 14.0", 15.0", and 16.0". Other widths available at request.	30min/24hr (g/25mm) 350/520
1004R	Blue Adhesive Plastic Film (PVC), Silicone Release Agent-Free, High Adhesive Strength, 130 microns thick, supplied in 100 meter (330') rolls without backing (typical use - wafer and ceramic dicing). Standard widths: 6.0", 6.5", 7.0", 7.5", 8.0", 8.5", 9.0", 9.5", 10.0", 10.5", 11.0", 11.5", 12.0", 12.5", 13.0", 13.5", and 14.0". Other widths available at request.	30min/24hr (g/25mm) 160/270
1005R	Blue Adhesive Plastic Film (PVC), Silicone Release Agent-Free, Medium-High Tack, 125 microns thick, supplied in 100 meter (330') rolls without backing (typical use - wafer and ceramic dicing). Standard widths: 6.0", 6.5", 7.0", 7.5", 8.0", 8.5", 9.0", 9.5", 10.0", 10.5", 11.0", 11.5", 12.0", 12.5", 13.0", 13.5", and 14.0". Other widths available at request.	30min/24hr (g/25mm) 90/170
1007R	Blue Adhesive Plastic Film (PVC), Silicone Release Agent-Free, Medium Tack, 80 microns thick, supplied in 100 meter (330') rolls without backing (typical use - wafer dicing). Standard widths: 6.0", 6.5", 7.0", 7.5", 8.0", 8.5", 9.0", 9.5", 10.0", 10.5", 11.0", 11.5", 12.0", 12.5", 13.0", 13.5", and 14.0". Other widths available at request.	30min/24hr (g/25mm) 70/135
1008R	Blue Adhesive Plastic Film (PVC), Silicone Release Agent-Free, Medium-High Tack, 80 microns thick, supplied in 100 meter (330') rolls without backing (typical use - wafer dicing). Standard widths: 6.0", 6.5", 7.0", 7.5", 8.0", 8.5", 9.0", 9.5", 10.0", 10.5", 11.0", 11.5", 12.0", 12.5", 13.0", 13.5", and 14.0". Other widths available at request.	30min/24hr (g/25mm) 70/135
1009R	Blue Adhesive Plastic Film (PVC), Silicone Release Agent-Free, Low Tack, 80 microns thick, supplied in 100 meter (330') rolls without backing (typical use - wafer dicing). Standard widths: 6.0", 6.5", 7.0", 7.5", 8.0", 8.5", 9.0", 9.5", 10.0", 10.5", 11.0", 11.5", 12.0", 12.5", 13.0", 13.5", and 14.0". Other widths available at request.	30min/24hr (g/25mm) 30/66

* Adhesion is measured at 30 minutes and 24 hours after application to Si., using grams per 25 mm width.