

DAIO MASKING FILM

		Base Film	Adhesive Type	Model No.	Thickness (mm)	Adhesive Strength (N/25mm)	Measurement Board	Features	Examples of Application
General Products	For Optical Sheets	LDPE	Ultra-low-Tack	FM-115	0.065	0.25	PMMA	Good adhesion to flat sheets. Light release type.	MMA, PC, hard-coated plastic sheets, micro-matte plastic sheets, flat plastic sheets
				FM-805	0.065	0.25		Sticky type. Easy to reapply.	MMA, PC, micro-matte plastic sheets, flat plastic sheets
			Low-Tack	FM-125	0.065	0.75		Good high-speed peelability. Good adhesion to rough surfaces.	MMA, PC, hard-coated plastic sheets, micro-matte plastic sheets, flat plastic sheets
				FM-815	0.065	0.45		Sticky type. Easy to reapply.	MMA, PC, PET, micro-matte plastic sheets, flat plastic sheets
				FM-830	0.065	0.50		Sticky type. Easy to reapply.	MMA, PC, PET, micro-matte plastic sheets, flat plastic sheets
				FM-840	0.070	1.00		Sticky type. Easy to reapply.	MMA, PC, lightly embossed-pattern plastic sheets, flat plastic sheets
		Medium-Tack	FM-885	0.065	0.90	Peeling force changes little depending on peeling speed.		MMA, PC, hard-coated plastic sheets, micro-matte plastic sheets, flat plastic sheets	
			FM-875	0.065	2.50	Good high-speed peelability. Good adhesion to rough surfaces.		MMA, matte plastic sheets	
			FM-870	0.070	3.00	Good high-speed peelability. Good adhesion to rough surfaces.		MMA, embossed-pattern plastic sheets	
			FM-177	0.070	3.00	Good high-speed peelability. Good adhesion to rough surfaces.		MMA, embossed-pattern plastic sheets	
	CPP	Ultra-low-Tack	FM-315	0.045	0.10	PMMA	Good adhesion to flat sheets. Light release type.	MMA, PC, hard-coated plastic sheets, micro-matte plastic sheets, flat plastic sheets	
			FM-325	0.045	0.20		Good high-speed peelability. Good adhesion to rough surfaces.	MMA, PC, PET, hard-coated plastic sheets, micro-matte plastic sheets, flat plastic sheets	
			FM-330	0.045	0.30		Sticky type. Easy to reapply.	MMA, PC, micro-matte plastic sheets, flat plastic sheets	
		Medium-Tack	FM-585	0.045	2.80		Good high-speed peelability. Good adhesion to rough surfaces.	MMA, PC, matte-pattern plastic sheets, flat plastic sheets	
			FM-370	0.050	3.80		Good high-speed peelability. Good adhesion to rough surfaces.	MMA, PC, matte-pattern plastic sheets, flat plastic sheets	
	FM-470	0.050	3.50	Good high-speed peelability. Good adhesion to rough surfaces.	MMA, PC, embossed-pattern plastic sheets				
	For Metal Sheets / Building Materials	LDPE	Ultra-low-Tack	FM-830	0.065	0.30	SUS-304-HL (#280)	Sticky type. Easy to reapply.	For flat surfaces of building materials. Rigid PVC steel sheets, MMA, PC
				Low-Tack	FM-715	0.065		0.50	Low adhesive type. Easy to reapply.
			FM-725		0.065	1.00		Easy to reapply.	General-purpose type for metal sheets, polyester-coated steel sheets, stainless sheets, aluminum sheets
			Medium-Tack	FM-745	0.065	1.50		Sticky type. Easy to reapply.	General-purpose type for metal sheets, polyester-coated steel sheets, stainless sheets, aluminum sheets
FM-750				0.070	1.70	Sticky type. Easy to reapply.		General-purpose type for metal sheets, polyester-coated steel sheets, stainless sheets, aluminum sheets, sandwich panels	
FM-236				0.070	1.00	Good adhesion to rough surfaces.		For matte and lightly embossed painted steel sheets, PET-laminated steel sheets, polyester-coated steel sheets, fluorine-coated steel sheets, sandwich panels	
FM-230				0.070	1.50	Good adhesion to rough surfaces.		For matte and lightly embossed painted steel sheets, PET-laminated steel sheets, polyester-coated steel sheets, fluorine-coated steel sheets, sandwich panels	
High-Tack			FM-235AT	0.055	1.80	Good adhesion to rough surfaces.		For matte and lightly embossed painted steel sheets, PET-laminated steel sheets, polyester-coated steel sheets, fluorine-coated steel sheets, sandwich panels	
		FM-178	0.070	2.50	Good high-speed peelability. Good adhesion to rough surfaces.	Matte and lightly embossed-pattern painted steel sheets, metallic finish steel sheets, polyester-coated steel sheets, fluorine-coated steel sheets, sandwich panels			
		FM-284	0.070	3.80	Sticky type. Good adhesion to rough surfaces.	Embossed-pattern painted steel sheets, matte-pattern painted steel sheets, polyester-coated steel sheets, fluorine-coated steel sheets, sandwich panels			
CPP		Low-Tack	FM-330	0.045	0.20	SUS-304-HL (#280)		For heat-resistant processes. Sticky type. Easy to reapply.	For flat steel sheets, light-reflective plated steel sheets, MMA, PC, PET
			FM-340	0.050	0.70			Sticky type. Easy to reapply.	For flat and slightly matte-pattern steel sheets, hard PVC-laminated steel sheets, polyester-coated steel sheets
		Medium-Tack	FM-470	0.050	2.20			Good high-speed peelability. Good adhesion to rough surfaces.	For flat and slightly matte-pattern steel sheets, flat painted steel sheets, embossed-PS sheets, decorative plywood
			FM-430	0.050	1.50			Good adhesion to rough surfaces.	For flat and slightly matte-pattern steel sheets, polyester-coated steel sheets, fluorine-coated steel sheets
		High-Tack	FM-382	0.046	5.00			Good adhesion to rough surfaces.	For strong matte and embossed-pattern steel sheets, embossed-pattern painted steel sheets, fluorine-coated steel sheets, embossed-pattern PC sheets
	FM-489TY		0.055	5.00	Good high-speed peelability. Good adhesion to rough surfaces.		For strong matte and embossed-pattern steel sheets, embossed-pattern painted steel sheets, fluorine-coated steel sheets, polyester-coated steel sheets		
	FM-495		0.055	8.50	Sticky type. Good adhesion to rough surfaces.		For embossed-pattern steel sheets, woodgrain polyester-coated steel sheets, matte-pattern painted steel sheets, fluorine-coated steel sheets.		
Others	For Processing	LDPE	High-Tack	FM-177(150)	0.160	3.00	PMMA	Good high-speed peelability. Good adhesion to rough surfaces.	MMA, embossed-pattern plastic sheets. For NC machining
				FM-177(200)	0.210	3.00		Good high-speed peelability. Good adhesion to rough surfaces.	MMA, embossed-pattern plastic sheets. For NC machining
	For Application Film	LDPE	Low-Tack	FM-840(100)	0.110	1.00	PMMA	Thick LDPE base material provides rigidity but is soft and fits snugly. The rigidity and transparency of PET film make it easy to transfer.	For sticker transfer, PET separator-less type.
		PET	Low-Tack	DMF-PET (Clear)	0.045	0.40	PMMA	Sticky type. Easy to reapply. Peeling electrification suppression property.	For sticker transfer, PET separator type.
	Anti-static Type	LDPE	Ultra-low-Tack	FM-815AS	0.065	0.45	PMMA	Good high-speed peelability. Good adhesion to rough surfaces.	Printed nameplates, etc.
CPP		Ultra-low-Tack	FM-325AS	0.045	0.20	PMMA	Good high-speed peelability. Good adhesion to rough surfaces.	Optical sheets, etc.	
For Heat-Resistant Processes	PET	Low-Tack	DMF-PET (White)	0.050	0.85	SUS-304-HL (#280)	Can be used in heat-resistant processes up to 150°C. PET separator-less type.	Used as a protective film for the non-processed surface when processing circuit boards.	
Developed Products	For Laser Cutting	Special PO	Acrylic High-Tack	LF-103HKGY	0.095	4.50	SUS-304-HL (#280)	For laser cutting of metal sheets.	For surface protection when laser cutting steel sheets.
		Special PO	Rubber-Based High-Tack	LF-680HKGY	0.100	6.00		For laser cutting of metal sheets.	For surface protection when laser cutting steel sheets.
	High Transparency Type	CPP	Low-Tack	FM-315KT	0.045	0.13	PMMA	Sticky type. Light release type. Easy to reapply. Haze 6%.	Surface protection for optical sheets.

Please contact us separately regarding the available product sizes (width and roll length). The values shown above are merely examples of measured data and are not guaranteed.

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