

Product Information, 3M™ Double Coated Tapes

Adhesive Family	Product Number	Tape Thickness w/o liner (mm)	Carrier Type	Liner Type	Description	Temperature Resistance		Solvent Resistance	Relative Adhesion		Application Ideas
						Minutes Hours	Days Weeks		HSE	LSE	
200MP High Perf	9495MP	5.0 (0.13)	PET	58# PCK	Excellent peel strength on high surface energy plastics and metals.	300°F (14°C)	250°F (12°C)	High	High	Low	Graphic attachment. High pressure laminate bonding. LED lens attachment for cellular phones and pagers. Automotive decorative trim attachment.
	9495B	5.0 (0.13)	Black PET	58# PCK	9495MP with a 0.5 mil black polyester carrier.						
	9495FL	5.0 (0.13)	PET	58# PCK/PET	9495MP with two liners.						
300 High Strength	444	4.0 (0.1)	PET	60# DK	High tack acrylic adhesive.	180°F (82°C)	150°F (65°C)	Low	High	High	Gasket attachment. Good adhesion to most plastics.
	444PC	4.0 (0.1)	PET	58# PCK	444 with a polycoated liner.						
300LSE High Strength	9490LE	6.0 (0.2)	PET	58# PCK	300MP adhesive on face side, 300LSE adhesive on the other.	300°F (14°C)	200°F (93°C)	Medium	High	High	Gasket attachment to low surface energy surfaces. Plastic extrusion attachment.
	9495LE	6.0 (0.2)	PET	58# PCK	300LSE adhesive on both sides for low surface energy surfaces.						
300MP High Strength	9690	5.0 (0.13)	PET	86# PCK	Excellent adhesion to most plastics and foams.	300°F (14°C)	150°F (65°C)	Medium	High	Med.	Foam lamination. Gasket attachment. LED lens attachment for cellular phones and pagers.
	9690B	5.0 (0.13)	Black PET	86# PCK	9690 with a 0.5 mil black polyester carrier.						
340 High Strength	9456	4.5 (0.12)	Tissue	55# DK	Tissue carrier with high tack adhesive.	180°F (82°C)	150°F (65°C)	Medium	High	Med.	Bond fabric to window blind valances. High performance gasketing and trim attachment. POP displays.
	9507EK	7.0 (0.18)	Polyprop	78# EK	Thick tapes for irregular surfaces.						
	9573	9.0 (0.23)	UPVC	56# DK	High initial tack and excellent static shear holding power.						Plastic extrusions.
	9586F	8.0 (0.21)	Polyprop	HDPE	High initial tack and excellent static shear holding power, film liner.						
	9828	3.5 (0.09)	PET	55# DK	High tack acrylic adhesive with good adhesion to many foams.						Foam lamination. Gasket attachment.
350 High Holding	9500PC	5.5 (0.14)	PET	58# PCK	High performance on a wide array of surfaces.	350°F (177°C)	250°F (121°C)	High	High	High	LED lens attachment for cellular phones and pagers.
400 High Tack	415	4.0 (0.1)	PET	60# DK	High tack adhesion to paper and many other surfaces.	180°F (82°C)	150°F (65°C)	Medium	Med.	Low	Splice papers, films and foils.
	9420	4.0 (0.1)	Red PET	60# DK	415 with a 0.5 mil red carrier.						
	9576	4.0 (0.1)	Polyprop	60# DK	Available in red, black, yellow, and transparent.	165°F (75°C)	125°F (52°C)	Medium	Med.	Low	
700 Synthetic Rubber	919	5.0 (0.13)	Tissue	58# PCK	Tissue carrier with synthetic rubber adhesive.	180°F (82°C)	150°F (65°C)	Medium	High	High	General purpose laminating adhesives. Bonding plastic surfaces.
	745 443	4.0 (0.1)	PET	62# PCK	High tack rubber adhesive with good adhesion to most plastics.	180°F (82°C)	150°F (65°C)	Medium	High	High	Photo polymer printing plates.
	760 9443	6.0 (0.2)	Polyprop	60# DK	High tack rubber adhesive with good adhesion to most plastics.	180°F (82°C)	150°F (65°C)	Medium	High	High	Assemble computer ink cartridges. Bonding polyethylene.
	760 9579	9.0 (0.23)	Polyprop	60# DK	General purpose, high tack, hand-tearable film tape.	150°F (65°C)	120°F (49°C)	Medium	High	High	Core starting on metal cores.
	760 9589	9.0 (0.23)	Polyprop	60# DK	Aggressive rubber adhesive with high initial adhesion.	150°F (65°C)	120°F (49°C)	Medium	High	High	Carpet attachment.
	770 464	3.0 (0.08)	Tissue	60# DK	Tissue carrier with high tack rubber adhesive.	200°F (93°C)	150°F (65°C)	Low	Med.	Med.	Nameplate mounting.
800 Natural Rubber	860 401	9.0 (0.23)	Paper	60# DK	Thick flatstock paper carrier.	180°F (82°C)	150°F (65°C)	Medium	High	Med.	Mount printing plates.
	830 404	5.0 (0.13)	Paper	60# DK	High temperature resistant rubber adhesive.	250°F (12°C)	200°F (93°C)	Medium	High	Med.	Mount printing plates.
	860 406	5.0 (0.13)	Paper	60# DK	Paper carrier.	180°F (82°C)	150°F (65°C)	Medium	High	Med.	Approved tape for Scott™ Bond Paper Test. Photo polymer printing plates.
	850 410	5.0 (0.13)	Paper	60# DK	Smooth adhesive on both sides.	200°F (93°C)	150°F (65°C)	Medium	High	Med.	Core starting/end tabbing of papers, films and foils.
	830 442	4.0 (0.1)	PET	58# PCK	Rubber adhesive removes from metals.	180°F (82°C)	150°F (65°C)	Medium	High	Med.	Mount polishing pads.
900 Misc.	9820	3.5 (0.09)	PET	60# DK	Moderate performance acrylic adhesive.	200°F (93°C)	125°F (52°C)	Medium	Med.	Low	Foam lamination. Gasket attachment.
	9851	3.5 (0.09)	PET	60# DK	Moderate performance rubber adhesive.	150°F (65°C)	100°F (41°C)	Low	High	High	Foam lamination.
Silicone	9731	5.5 (0.14)	PET	4.0/5.0 PET/PCK	High performance acrylic adhesive/silicone adhesive, double lined.	350°F (177°C)	250°F (121°C)	Medium	High	High	Silicone keypad attachment. Printer toner cartridge refurbishing.

NOTE: The technical information and data provided here should be considered representative or typical only and should not be used for specification purposes. User should evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for user's method of application.

Relative Adhesion:

HSE – High Surface Energy LSE – Low Surface Energy (See p. 28)

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