

Product Information, 3M™ Removable, Repositionable Tapes

Product Number	Adhesive Type	Tape Thickness w/o liner Mils (mm)	Liner Type	Description	Temperature Resistance		Solvent Resistance	HSE	LSE	Application Ideas	
					Minutes Hours	Days Weeks					
Removable/Repositionable	409	760	10 (0.25)	62# DK	Double coated film tape. Differential tack. Hand tearable. Med. tack/high tack.	150°F (65°C)	120°F (49°C)	Medium	High	High	Temporary carpet bonding for exhibit halls.
	665	400	3.5 (0.09)	Linerless	Clear 1.5 mil UPVC film carrier. Slight differential tack. Linerless.	125°F (52°C)	125°F (52°C)	Medium	Med.	Low	Reclosable adhesive for polybags. Attach outserts to bottles. Attach microscope slides to paperboard holder.
	666	400	3.5 (0.09)	PE	Clear 1.5 mil UPVC film carrier. Slight differential tack. Lined.	125°F (52°C)	125°F (52°C)	Medium	Med.	Low	Attach chemically sensitive film to test sticks.
	4658F	100	31 (0.8)	2 mil PET	Clear closed foam acrylic removable foam tape. Offers clean removability from many substrates.	212°F (100°C)	175°F (80°C)	High	High	Low	Removable P.O.P. displays. Signs. Exhibitions. Name plates.
	9415 PC	400/1000	2.0 (0.05)	70# PCK	1 mil polyester film carrier. High tack/low tack.	150°F (65°C)	120°F (49°C)	Low	Med/Low	Low	Core start/end tab of paper, film and foils. Temporary hold of credit cards in mailers. Reclosable adhesive for envelope flaps.
	9416	400/1000	2.0 (0.05)	70# PCK	Translucent white tissue carrier. High tack/low tack.	150°F (65°C)	120°F (49°C)	Low	Med/Low	Low	Removable label adhesive. Removable photo adhesive.
	9425	220/400	5.5 (0.14)	58# PCK	Clear 1.5 mil UPVC film carrier. Features high tack and medium tack adhesives. Lined.	120°F (49°C)	120°F (49°C)	Medium	Med/Low	Low/Low	Removable adhesive for backlit signs. Reclosable adhesive for polybags and envelope flaps. Core start/end tab paper, films and foils.
	9429	400	5.0 (0.13)	66# DK	Double coated tape. Removable medium tack adhesive. 3 mil polyethylene film carrier.	150°F (65°C)	120°F (49°C)	Low	Med.	Low	Temporary holding. Removable poster mounting. Core starting. Liner designed for rotary die-cutting.
	9449	1000	1.0 (0.025)	55# DK	Adhesive transfer tapes for constructing removable labels.	120°F (49°C)	120°F (49°C)	Low	Low	Low	Removable repositionable labels.

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.

Selection Guide

1. Determine the surface that will need "permanent" adhesion.
2. Determine the surface that will need repositionable adhesion.
3. Cross-reference the two surfaces and locate suggested 3M Repositionable Double Coated Tapes for evaluation.

	Repositionable		
	Metals, glass, ceramics, rigid vinyl, ABS, acrylics, styrene, painted surfaces	Polyethylene, polypropylene	Paper
"Permanent"	Metals, glass, ceramics, rigid vinyl, ABS, acrylics, styrene, painted surfaces	3M™ Tape 409, 665, 666, 9415 PC, 9416, 9425, 9429, 4658F.	3M™ Tape 665, 666, 9415 PC, 9416, 9425, 9429.
	Polyethylene, polypropylene	3M™ Tape 409, 9415 PC, 9416, 9425.	3M™ Tape 665, 666, 9415 PC, 9416, 9425, 9429.
	Paper	3M™ Tape 665, 666, 9415 PC, 9416, 9425.	3M™ Tape 665, 666, 9415 PC, 9416, 9425, 9429.

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)