

# Industrial Adhesives and Tapes

## Product Guide

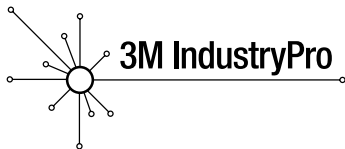


The following information is suggested use of 3M products based on 3M experience. In all cases full testing should be carried out to determine suitability for intended use.

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This guide aims to provide information on a core range of products. For further information, datasheets, price lists and much more, please visit 3M Connect on [www.3M.co.uk/3Mconnect](http://www.3M.co.uk/3Mconnect)






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# 3M Industrial Aerosol Adhesives

Fast, convenient and economical spray adhesives.



	Product	What is it?	Ideal for:	Typical Applications
	3M™ Scotch-Weld™ Spray 80	High strength spray adhesive for most types of rubber, vinyl and leather bonding	<ul style="list-style-type: none"> <li>✓ Rubbers</li> <li>✓ Leather</li> <li>✓ Wood</li> <li>✓ Metal</li> <li>✓ Plasticised PVC</li> </ul>	Point of sale assembly, picture frame bonding, leather furniture assembly
	3M™ Scotch-Weld™ Spray 90	High strength general purpose spray adhesive	<ul style="list-style-type: none"> <li>✓ Plastics (PE/PP/Acrylics/ABS &amp; others)</li> <li>✓ Wood</li> <li>✓ Metal</li> <li>✓ Plastic</li> <li>✓ Some Rubbers</li> <li>✓ Ceramic</li> <li>✓ Concrete</li> </ul>	Point of sale assembly, picture frame assembly, decorative veneers for furniture assembly
	3M™ Scotch-Weld™ Spray 74	Spray adhesive specially formulated for foam bonding	Will bond Flexible PU Foam to the following: <ul style="list-style-type: none"> <li>✓ Felt &amp; Fabrics</li> <li>✓ Cardboard</li> <li>✓ Glass</li> <li>✓ Wood</li> <li>✓ Metal</li> <li>✓ Plastic</li> </ul>	Furniture assembly involving foam and fabrics
	3M™ Scotch-Weld™ Spray 75	Semi-permanent, repositionable spray adhesive	<ul style="list-style-type: none"> <li>✓ Paper / Cardboard</li> <li>✓ Fabrics</li> </ul>	Picture Frame Mountings, Exhibition collateral assembly
	3M™ Scotch-Weld™ Spray 77	Multi-purpose spray adhesive for bonding lightweight materials	<ul style="list-style-type: none"> <li>✓ Paper / Cardboard</li> <li>✓ Fabrics</li> <li>✓ Expanded Polystyrene</li> <li>✓ Lightweight plastics</li> <li>✓ Foams</li> </ul>	Crafts and decorating, home improvement and repair, framing and displays, furniture assembly

- ✓ Simple & easy to use spray can
- ✓ Wide range of uses







- ✓ Controlled, targeted application
- ✓ CFC & Methylene chloride free

- ✓ Portable
- ✓ Easy clean-up

# 3M™ Scotch-Weld™ Contact Adhesives

A variety of solvent and water-based contact adhesives  
with high immediate bond strength



	Product	Solvent/ Water based	What is it?	Ideal for:	Colour
	Scotch-Weld Contact Adhesive 10	Solvent	Multipurpose Liquid, air drying adhesive which bonds immediately and permanently on application of contact pressure	<ul style="list-style-type: none"> <li>✓ Decorative laminates</li> <li>✓ Metals</li> <li>✓ Wood</li> <li>✓ Rubber &amp; Leather</li> </ul>	Yellow
	Scotch-Weld Vinyl Adhesive 1099	Solvent	Liquid, air drying adhesive for bonding plastics immediately and permanently on application of contact pressure	<ul style="list-style-type: none"> <li>✓ Plastics</li> <li>✓ Fabrics</li> <li>✓ Foams</li> </ul>	Light brown to purple
	Scotch-Weld Contact Adhesive 30	Water	Water-based, heat resistant contact adhesive	<ul style="list-style-type: none"> <li>✓ Foamed plastics</li> <li>✓ Plastic laminate</li> <li>✓ Wood &amp; Veneers</li> <li>✓ Foam</li> </ul>	Blue
	Scotch-Weld Contact Adhesive 40	Water	High viscosity and resistance to discolouration water-based contact adhesive	<ul style="list-style-type: none"> <li>✓ Wood</li> <li>✓ Laminates</li> <li>✓ Foamed plastics</li> <li>✓ Foam</li> </ul>	Clear
	Scotch-Weld Contact Adhesive 100	Water	Water-based contact adhesive for foam bonding	<ul style="list-style-type: none"> <li>✓ Flexible polyurethane foam</li> <li>✓ Latex foam fabric</li> </ul>	Neutral and Lavender
	Scotch-Weld Contact Adhesive 2000	Water	Water-based contact adhesive for immediate bonding	<ul style="list-style-type: none"> <li>✓ Plastics</li> <li>✓ Latex foams</li> <li>✓ Wood</li> <li>✓ Aluminium &amp; protected metals</li> <li>✓ Fabrics</li> </ul>	Blue and Neutral

Flexible bonding range- surfaces can be bonded within minutes or hours

Variety of application methods;  
brush, spray or notched scraper

## Solvent-based Contact Adhesives

- ✓ High tack, aggressive wet bond to many surfaces
- ✓ Bond strength can be increased by applying adhesive to both surfaces (contact bond)
- ✓ Surfaces can be repositioned until solvent evaporates














## Water-based Contact Adhesives

- ✓ Will not wrinkle light weight materials
- ✓ Longer working time means more flexible manufacturing process
- ✓ Reduces solvents in the work place

# 3M Cyanoacrylates, Anaerobic & UV Curing Adhesives

A wide range of cyanoacrylates (superglues), anaerobics and UV curing adhesives for use in manufacturing and MRO applications.









		Product	What is it?	Ideal for:		Typical Applications
Instant Adhesives (superglues, cyanoacrylates)		SF100	Multi-purpose, very fast bonding adhesive	<ul style="list-style-type: none"><li>✓ Metals</li><li>✓ Plastics</li><li>✓ Leather</li><li>✓ Paper + other materials</li></ul>		Rapid high strength assembly and general repair bonding
		PR100	Designed for high strength bonding of plastics and rubber, medium viscosity	<ul style="list-style-type: none"><li>✓ Plastics</li><li>✓ Rubbers</li></ul>		Bonding rubber gaskets, seals and plastic parts
		PR20	Designed for high strength bonding of plastics and rubber, low viscosity for application to close fitting or pre-assembled parts			Bonding rubber and plastic parts after assembly
		SIGel	Multi-purpose, non-drip gel formulation, works on widest range of materials	<ul style="list-style-type: none"><li>✓ Most materials</li><li>✓ Porous surfaces</li><li>✓ Poorly fitting parts</li></ul>		Bonding porous, or poorly fitting parts where some gap fill is required
Threadlockers		TL22	Low strength threadlocker for light fasteners or where frequent disassembly by hand is required	<ul style="list-style-type: none"><li>✓ Where easy disassembly is required</li></ul>	<ul style="list-style-type: none"><li>✓ Stopping vibration loosening</li><li>✓ Leakage prevention</li></ul>	Temporary locking of small and light nuts and bolts
		TL43	Multi-purpose, medium strength, threadlocker. For most fasteners where disassembly with tools is required	<ul style="list-style-type: none"><li>✓ Slightly oily surfaces</li></ul>		Locking most threaded nuts and bolts
		TL70	High strength threadlocker, for heavy duty, permanent applications	<ul style="list-style-type: none"><li>✓ Locking larger threaded fasteners</li></ul>		Permanent locking of most threaded nuts and bolts, including large fasteners
Gasket Maker		GM74	Multi-purpose gasket maker for forming a seal between two metal faces	<ul style="list-style-type: none"><li>✓ Making a form in place seal</li></ul>		Pump and motor covers, compressors and machined metal flanges
Bearing Fit adhesive		RT41	Bearing fit retainer, medium strength for parts that require servicing	<ul style="list-style-type: none"><li>✓ Parts that require dismantling</li></ul>		Mounting bearings in place on shafts and housings
Retainer adhesives		RT01	High strength retainer for close fitting, cylindrical parts	<ul style="list-style-type: none"><li>✓ Close fitting parts</li><li>✓ High strength retaining</li><li>✓ Cylindrical parts</li></ul>		Close fitting cylindrical parts
		RT48	High strength, multi-purpose retainer			Mounting gears and rotors on to shafts
Pipe Sealants		PS77	Multi-purpose pipe sealant, WRAS approved for use on potable water systems	<ul style="list-style-type: none"><li>✓ Most metal pipe sealing applications</li><li>✓ Can be easily disassembled</li></ul>		Sealing pipe threads to prevent water leakage
		HP42	Hydraulic pipe sealant	<ul style="list-style-type: none"><li>✓ Pneumatic and hydraulic installations</li><li>✓ Can be easily disassembled</li></ul>		Sealing pipe threads to prevent oil and air leakage

# 3M™ Scotch-Weld™ Hot Melt Adhesives



Versatile hot melt adhesive ideal for bonding a variety of substrates complemented by superior application equipment.

- ✓ Bonds in seconds- no clamping needed while glue line sets
- ✓ Replaces pins and staples that can damage surfaces
- ✓ Complete system- range of unique Quadrack™ adhesives suitable for use with 3M Applicators only



	Product	What is it?	Ideal for:		Colour
	3738	General purpose hot melt adhesive with long bonding range	✓ Wood ✓ Corrugated board	✓ Plastics ✓ Chipboard	Tan
	3748	Hot melt adhesive with excellent thermal shock resistance	✓ Copper	✓ Polyolefins	Off-white
	3762	Fast setting hot melt adhesive ideal for carton sealing	✓ Corrugated board	✓ Chipboard and wood	Tan
	3764	Hot melt adhesive for bonding plastics	✓ Polycarbonate ✓ Polyethylene	✓ Polypropylene	Clear
	3792	Clear, multi-purpose hot melt adhesive for light weight materials	✓ Wood ✓ Corrugated board	✓ Upholstery	Clear
	3779	Very high performance adhesive with good electrical properties and high flammability performance - UL94 V0 rating	✓ A wide range of electronic applications		Amber

**Low Melt Adhesive Option** - ✓ Reduces damage to heat sensitive materials, thus reducing fumes    ✓ Reduces risk of burns to the operator

	Product	What is it?	Ideal for:	Colour
	3762LM	Low melt adhesive with excellent "hot-tack" properties suitable for bonding heat sensitive substrates	<div>✓ Expanded polystyrene</div> <div>✓ Chipboard and wood</div> <div>✓ Corrugated board</div>	Light Amber
	3792LM	Clear low melt adhesive for bonding heat sensitive light weight materials	<div>✓ Expanded polystyrene</div> <div>✓ Wood &amp; Coated Paper</div> <div>✓ Fabrics</div>	Clear










## Application Equipment

Product	What is it?
3M™ Scotch-Weld™ Hot Melt Applicator LT	
3M™ Scotch-Weld™ Hot Melt Applicator LT with Quadrack™ Converter	Low melt adhesive applicator for medium volume output
3M™ Scotch-Weld™ Hot Melt Applicator TC	
3M™ Scotch-Weld™ Hot Melt Applicator TC with Quadrack™	Hot melt adhesive applicator for medium volume output
3M™ Scotch-Weld™ Pneumatic Polygun 2 Applicator	Hot melt adhesive applicator for medium volume output
3M™ Scotch-Weld™ Pneumatic Polygun 2 Applicator LT	Low melt adhesive applicator for high volume output
3M™ Scotch-Weld™ Hot Melt Applicator EC	Applicator with variable temperature control suitable for both hot and low melt adhesives. Medium volume output

# 3M™ Scotch-Weld™ Two-part EPX Adhesives

Exceptionally high performing adhesives where the bond strength is often as strong as, or stronger than the materials joined.






		Product	What is it?	Ideal for:	Typical Applications	Open time	Colour
<b>Flexible Adhesives</b> <i>Excellent movement and shock resistance</i>		DP190	Flexible two-part epoxy adhesive for a range of substrates	<ul style="list-style-type: none"> <li>✓ Plastic</li> <li>✓ Wood</li> <li>✓ Metal</li> <li>✓ Glass</li> </ul>	PCB Mounting, bonding a seat cover to the ABS moulding, Signage; Wooden Furniture.	90 minutes	Grey
		DP609	Fast curing two-part polyurethane adhesive for flexible bonds	<ul style="list-style-type: none"> <li>✓ Plastic</li> <li>✓ Primed or painted metal surfaces</li> </ul>	Commercial sign bonding and plastic component assembly.	9 minutes	Off-white
		DP610	Fast, clear, non-yellowing two-part polyurethane adhesive	<ul style="list-style-type: none"> <li>✓ Most plastics</li> <li>✓ Glass</li> <li>✓ Painted or primed metal surfaces</li> </ul>	Ideal for applications that require long term transparency and good visual effect.	10 minutes	Clear
<b>Toughened Adhesives</b> <i>Extremely high strength adhesives with excellent impact resistance</i>		DP490	Highest performing toughened epoxy two-part adhesive	<ul style="list-style-type: none"> <li>✓ Metal</li> <li>✓ Composite Materials</li> </ul>	Applications requiring a gap filler, critical structural applications for example Bonding tubular joints for high impact applications.	90 minutes	Black
		DP801 / DP810	Very fast curing two-part acrylic adhesive for most substrates	<ul style="list-style-type: none"> <li>✓ Most metals</li> <li>✓ Ceramics</li> <li>✓ Most plastics</li> <li>✓ Wood</li> </ul>	Bonding a golf club head to shaft.	1/10 minutes	Green
<b>Specialty Plastic Adhesives</b> <i>Excellent bonding to difficult plastics</i>		DP8005	Fast curing two-part acrylic adhesive for difficult to stick to surfaces	<ul style="list-style-type: none"> <li>✓ Polypropylene</li> <li>✓ Polyethylene</li> </ul>	Bonding automotive interior parts (PU) to the dashboard (PP).	5 minutes	White
<b>Application Equipment</b>		EPX Manual Applicator (includes 2:1 plunger)	The EPX manual applicator is to be used with the appropriate plunger and mixing nozzle to accurately dispense Scotch-Weld two-part EPX adhesives. Ergonomically designed to minimise operator fatigue and to ensure ease of use, particularly at 'hard to get at' areas.				
		Plungers	<ul style="list-style-type: none"> <li>✓ 2:1 Plunger for DP190, DP490, DP609, DP610, DP801, DP810 (50ml cartridges)</li> <li>✓ 10:1 Plunger for DP 8005, DP8010 (38ml cartridges)</li> </ul>				
		Mixing Nozzles	<ul style="list-style-type: none"> <li>✓ 7 Element nozzles for DP801, DP810 (50ml cartridges)</li> <li>✓ 17 Element nozzles for DP8005, DP8010 (38 ml cartridges)</li> <li>✓ Quadro for DP190, DP490, DP609, DP610</li> </ul>				





# Scotch® ATG Adhesive Transfer Tapes

Clear acrylic adhesive transfer tape and applicator system for quick, accurate, mess-free bonding.



	Product	What is it?	Ideal for:		Typical Applications
	Scotch ATG Adhesive Transfer Tape 924	General purpose Adhesive Transfer Tape for paper and card	✓ Paper ✓ Foil	✓ Films ✓ Card	Mounting promotional items, posters, picture frame mounting
	Scotch ATG Adhesive Transfer Tape 926	High strength and high temperature performance Adhesive Transfer Tape	✓ Metals ✓ Glass ✓ Ceramic		Furniture trim and fascia bonding, foam insulation bonding, difficult to bond folders & boxes
	Scotch ATG Adhesive Transfer Tape 969	High tack multi-purpose Adhesive Transfer Tape	✓ Wood ✓ Plastics ✓ Rubbers ✓ Mirror ✓ Plaster	✓ Painted surfaces ✓ Foam ✓ Polypropylene ✓ Polyethylene	Folder and box bonding, point of sale assembly and picture framing

## Applicator & Accessories

	Product	What is it?	Ideal for:
	Scotch ATG700 Applicator	Neatly and quickly applies 3M adhesive transfer tapes with no mess, fuss or clean up.	✓ Convenience, fast applications. Cost effective alternative to liquid adhesives, staples and screws.
	Scotch ATG700 Adaptor	Adaptor for use with ATG700 Applicator gun when using a 6mm width Adhesive Transfer Tape	✓ Accurate dispensing of 6mm wide Adhesive Transfer Tape

**What is it?** Adhesive transfer tape is acrylic adhesive supported on a paper liner enabling:

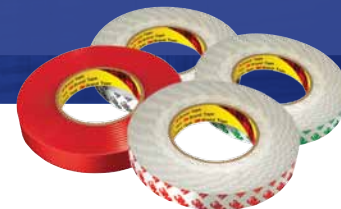
- ✓ Thinner glue lines than other conventional methods
- ✓ No mess when used with the ATG gun
- ✓ Quick immediate bonding
- ✓ Accurate placement of adhesive
- ✓ Range of sizes available
- ✓ No cutting required when used with ATG gun.





**Need help loading?** Go to YouTube and type "How to load a 3M ATG".



# 3M Double Coated Tapes

Multi-purpose acrylic adhesive double sided tape with excellent adhesion to both low, and high surface energy substrates.

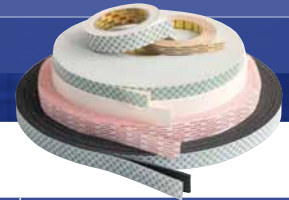





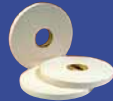
	Product	Liner Type	Tape Colour	What is it?	Ideal for:	Typical Applications
	3M™ High Performance Double Coated Tape 9086	Paper	Neutral	General purpose, easy to handle double coated tape	Will bond most surfaces including; ✓ metals and glass ✓ most plastics ✓ most painted surfaces	Kick Strips, Picture Framing
	3M™ High Performance Double Coated Tape 9087	Paper	White	General purpose double coated tape for bonding textured materials	Will bond most surfaces including; ✓ metals and glass ✓ most plastics ✓ most painted surfaces	Signage, Splicing
	3M™ High Performance Double Coated Tape 9088	Paper	Clear	General purpose, high temperature resistant double coated tape	Will bond most surfaces including; ✓ metals and most plastics ✓ Mirror, glass & ceramic ✓ Powder, domestic & industrial paints	Metal fabrication, Partitioning, Mirror Bonding, Splicing
	3M™ High Performance Double Coated Tape 9088FL	Filmic	Clear	General purpose, high temperature resistant double coated tape with filmic liner for easy removal	Will bond most surfaces including; ✓ metals and most plastics ✓ Mirror, glass & ceramic ✓ Powder, domestic & industrial paints	Metal fabrication, Partitioning, Mirror Bonding, Splicing

- ✓ Excellent adhesion to most surfaces
- ✓ Wide range to suit a variety of applications
- ✓ Range of sizes available

# 3M™ Scotch-Mount™ Double Coated Foam Tapes

Tapes with flexible foam carriers to fill gaps and help bond irregular surfaces.

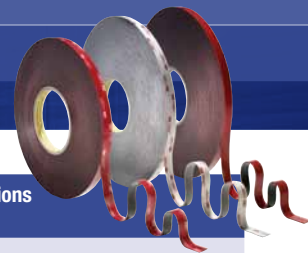


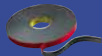







		Product	What is it?	Ideal for:	Typical Applications
General Purpose		3M Scotch-Mount Double Coated Foam Tape 9536	General purpose, double coated foam tape for internal applications.	<ul style="list-style-type: none"> <li>✓ Difficult to stick to surfaces</li> <li>✓ Most plastics including polyethylene</li> <li>✓ Metals</li> <li>✓ Rubbers</li> </ul>	General assembly, point of sale and shop fitting assembly
		3M Scotch-Mount Double Coated Foam Tape 9546 or 8610	General purpose, double coated foam tape for internal and external use	<ul style="list-style-type: none"> <li>✓ Wood</li> <li>✓ Metals</li> <li>✓ Most plastics</li> <li>✓ Glass &amp; Ceramic</li> <li>✓ Plaster &amp; marble</li> <li>✓ Painted surfaces (including powder paint)</li> </ul>	General assembly, point of sale, interior wall signage and shop fitting assembly. Black tapes available. Spool length rolls up to 2000m available.
Medium Performance		3M Scotch-Mount 4430 Double Coated Foam Tape	Medium performance, high tack double coated foam tape for internal and external use	<ul style="list-style-type: none"> <li>✓ Wood</li> <li>✓ Metals</li> <li>✓ Most plastics</li> <li>✓ Painted surfaces (excluding powder paint)</li> </ul>	Point of sale bonding, non-critical signage applications, furniture trim bonding
High Performance		3M Scotch-Mount 4632 Double Coated Foam Tape	High performance, double coated foam tape for mirror bonding	<ul style="list-style-type: none"> <li>✓ Temperature resistance</li> <li>✓ Solvent resistance</li> <li>✓ Mirrors</li> </ul>	Mirror mounting and nameplate bonding

- ✓ Fills gaps or mismatch area between two irregular surfaces
- ✓ Distributes stress
- ✓ Provides sound and vibration dampening
- ✓ Range of solutions for internal and external applications

# 3M™ VHB™ Acrylic Foam Tapes

High bond tapes which are proven alternatives to using screws, rivets and welds.



	Product	What is it?	Colours Available	Ideal for:	Typical Applications
	4611 Series	Very high temperature resistant acrylic foam tape	✓ Grey	<ul style="list-style-type: none"> <li>✓ Metals</li> <li>✓ Electroplated metals</li> </ul>	Bonding metal parts prior to paint processing. Point of Sale assembly and signage
	4910 Series	Clear acrylic foam tape for applications where aesthetic appearance is required	✓ Clear	<ul style="list-style-type: none"> <li>✓ Metals</li> <li>✓ Most clear plastics</li> <li>✓ Sealed wood</li> <li>✓ Glass (Silane primer required)</li> </ul>	Bonding transparent materials. Widely used in signage assembly and point of sale industries.
	4941 Series	All-round conformable acrylic foam tape suitable for bonding a wide variety of surfaces. 'Go to' product.	✓ Grey	<ul style="list-style-type: none"> <li>✓ Sealed wood</li> <li>✓ Engineering plastics - PC, ABS, UPVC, Acrylic</li> <li>✓ Mirror, Glass (Silane primer required) &amp; Ceramic</li> <li>✓ Plaster,</li> <li>✓ Marble &amp; Corian</li> <li>✓ Metals</li> </ul>	Bonding PVC Georgian glazing bars (muntin bars) to glazing units, partition assembly, attaching dissimilar materials.
	4943 Series	Cold temperature resistant acrylic foam tape- will bond in temperatures as low as 0°C	✓ Grey	<ul style="list-style-type: none"> <li>✓ Engineering plastics - PC, ABS, UPVC, Acrylic</li> <li>✓ Metals</li> </ul>	Many interior and exterior applications, on site application
	4952 Series	Acrylic foam tape for difficult to stick to plastics	✓ White	✓ Polyethylene & Polypropylene	Battery case bonding and hard-to-bond-to plastics.
	5952 Series	Acrylic foam tape for powder coated surfaces and difficult to stick to surfaces	✓ Black	✓ Powder paint and other domestic/industrial paints	Bonds to most powder coated surfaces without the need to prime or abrade.
	9473 Series	Thin acrylic foam tape for bonding very close surfaces and at high temperatures.	✓ Clear	✓ Metals	Aerospace panel bonding, signage: metal parts, pre paint, processing
	RP Series	Right Product Right Price Right Performance	✓ Clear	<ul style="list-style-type: none"> <li>✓ Sealed Wood</li> <li>✓ Engineering plastics</li> <li>✓ Metals</li> </ul>	Applications that don't require specialist performance of the premium 3M VHB Tapes above. Particularly metal fabricators, replacing their rivets and welds.

Product	What is it?
3M™ VHB™ Roller	Helps to apply pressure to realise an optimum bond strength
3M™ VHB™ Surface Cleaner/ Surface Cleaner Sachets	For degreasing surfaces prior to application
3M™ VHB™ Silane Glass Primer	Essential for glass applications to ensure optimum bond strength






- ✓ Faster assembly, instant bonding
- ✓ Very long lasting bond
- ✓ High quality finish- no need for drilling surfaces
- ✓ Removes local stress around fixing points
- ✓ Provides a water seal saving on sealant costs
- ✓ Available in a range of sizes

All VHB™ tapes should be thoroughly evaluated by the user under actual use conditions. For more information contact your local 3M representative.

# 3M™ Dual Lock™ Fastening Systems

High strength repositionable fastening system backed with 3M™ adhesive technology for high bond performance



	Product	What is it?	Stems / sq. inch	Colour	Typical Applications
	SJ3540	General purpose Dual Lock fastening systems. Bonds to most surfaces for internal applications. Utilises a rubber adhesive.	250	Black	<ul style="list-style-type: none"> <li>✓ Point of sale assembly</li> <li>✓ Signage</li> <li>✓ Shop fitting</li> <li>✓ Partitioning</li> <li>✓ Commercial vehicle interiors</li> </ul>
	SJ3541		400	Black	
	SJ3542		170	Black	
	SJ3550	High performance Dual Lock fastening systems with high bond strength for external applications. UV and Plasticiser resistant. Utilises a white acrylic adhesive.	250	Black	
	SJ3551		400	Black	✓ Boat panel assembly
	SJ3552		170	Black	✓ Automotive Trim
	SJ3560		250	Clear	✓ Access Panels
	SJ4570	Very thin, high performance, low profile Dual Lock fastening systems	250	Clear	<div>Standard roll size: 25mm x 45m</div>

**All Dual-Lock™ fastening systems should be thoroughly evaluated by the user under actual use conditions. For more information contact your local 3M Representative**











- ✓ Hundreds of mushroom shaped stems interlock with one another to provide a reclosable hidden fixing
- ✓ Up to 12 times stronger than regular hook and loop systems
- ✓ Strong enough to replace unsightly mechanical fixings
- ✓ Audible snap close
- ✓ Faster assembly times compared to drilling
- ✓ Non-adhesive version that can be mechanically fixed
- ✓ Can be die-cut to fit your design and manufacturing process
- ✓ Low profile version available
- ✓ Range of colours and sizes
- ✓ Can be opened and closed hundreds of times.

Start with 250 stems mated with 250 stems. Use higher or lower quantity depending on strength required.

# 3M Masking Tapes

A wide range of masking tapes with varying technical properties ranging from basic general purpose to high temperature.



	Product	What is it?	Ideal for:
Paper Masking Tapes	 2120	General purpose crepe masking tape	<ul style="list-style-type: none"> <li>✓ Paint masking</li> <li>✓ Bundling, labelling &amp; attaching</li> <li>✓ Sealing</li> </ul>
	 2321	Crepe masking tape for applications up to 80°C	
	 202	A thicker, solvent resistant masking tape that resists lifting or curling at the edges under tensile stress	<ul style="list-style-type: none"> <li>✓ Paint masking</li> <li>✓ Bake ovens up to 95°C</li> <li>✓ Sealing</li> </ul>
	 1104	A specially formulated low tack adhesive	<ul style="list-style-type: none"> <li>✓ Masking high energy surfaces</li> <li>✓ Masking painted, anodised or delicate surfaces</li> </ul>
	 2364	Crepe masking tape for applications up to 100°C	<ul style="list-style-type: none"> <li>✓ Paint masking</li> <li>✓ Wet sanding</li> </ul>
	 2610	Water and solvent resistant masking tape for applications (including repeat bake cycles) up to 160°C	<ul style="list-style-type: none"> <li>✓ General splicing</li> <li>✓ Repeat bake cycles</li> </ul>
Specialty Masking Tapes	 8901	Polyester powder coat masking tape for applications up to 204°C	<ul style="list-style-type: none"> <li>✓ Powder coat masking</li> <li>✓ Flashbreaking</li> </ul>
	 218	Polypropylene fine line masking tape for applications up to 120°C	<ul style="list-style-type: none"> <li>✓ High accuracy paint work</li> <li>✓ Two tone colour masking</li> <li>✓ Moisture/solvent resistant mounting</li> </ul>
	 226	Solvent resistant masking tape that can withstand up to 90 days external weather exposure	<ul style="list-style-type: none"> <li>✓ Long term outdoor applications</li> <li>✓ Operations involving solvents</li> </ul>
	 4737T	Translucent high temperature fine line masking to allow visual confirmation of adhesive wet out	<ul style="list-style-type: none"> <li>✓ Outstanding fine line colour separation</li> <li>✓ Areas with tight radii and depressions</li> </ul>







- ✓ Good initial bond and holding strength
- ✓ Paint flaking resistance
- ✓ Conforms around curves

- ✓ Easy unwind and tear
- ✓ Available in a range of sizes

# 3M Packaging & Bundling Tapes

Vast range of packaging solutions to ensure quality in transit.



	Product	What is it?	Colours Available	Ideal for:	Recommended Hand Dispenser
	Scotch® 371	General purpose BOPP 28 micron box sealing tape with good adhesion	<ul style="list-style-type: none"> <li>✓ Clear</li> <li>✓ Buff</li> <li>✓ White</li> </ul>	<ul style="list-style-type: none"> <li>✓ Sealing lightweight boxes</li> </ul>	H180
	Tartan™ 369	General purpose BOPP 25 micron box sealing tape	<ul style="list-style-type: none"> <li>✓ Clear</li> <li>✓ Buff</li> <li>✓ White</li> </ul>	<ul style="list-style-type: none"> <li>✓ Sealing lightweight boxes</li> </ul>	H180
	Scotch® 375E	High performance BOPP box sealing tape for heavy duty applications	<ul style="list-style-type: none"> <li>✓ Clear</li> <li>✓ Buff</li> <li>✓ White</li> </ul>	<ul style="list-style-type: none"> <li>✓ Heavy duty box sealing</li> <li>✓ Resisting rough handling and impact</li> </ul>	H180
	Scotch® 309	General purpose low noise BOPP box sealing tape	<ul style="list-style-type: none"> <li>✓ Clear</li> <li>✓ Buff</li> <li>✓ White</li> </ul>	<ul style="list-style-type: none"> <li>✓ Performs well in cold and damp conditions</li> <li>✓ Low noise</li> </ul>	H180
	Scotch® 8956	Mono weave filament tape for light to medium duty bundling & reinforcing	<ul style="list-style-type: none"> <li>✓ Clear</li> </ul>	<ul style="list-style-type: none"> <li>✓ Holding boxes together on pallets</li> <li>✓ Salvaging torn and damaged boxes</li> <li>✓ Bundling lightweight products</li> <li>✓ Closing and reinforcing fibreboard boxes</li> </ul>	H12
	Scotch® 8959	Cross weave filament tape for heavy duty bundling & reinforcing	<ul style="list-style-type: none"> <li>✓ Clear</li> </ul>	<ul style="list-style-type: none"> <li>✓ Holding boxes together on pallets</li> <li>✓ Heavy reinforcement</li> <li>✓ Salvaging torn and damaged boxes</li> <li>✓ Bundling medium and heavy weight products</li> <li>✓ Closing and reinforcing fibreboard boxes</li> </ul>	H12







Product	What is it?	Ideal for:
Packaging Tape H180 Hand Dispenser	Portable and easy to operate hand dispenser for sealing regular boxes	Hand dispensing 3M packaging tapes
Filament Tape H12 Hand Dispenser	Durable plastic dispenser designed to effortlessly cut filament reinforced tapes	Hand dispensing 3M filament tapes

✓ Range of sizes available

# 3M Speciality Single Sided Tapes

Vast range of single sided tapes with various backings and adhesives for a multitude of applications







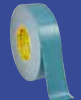
	Core Product	What is it?	Ideal for:	Other Available Products
	425	High performance aluminium foil tape	<ul style="list-style-type: none"> <li>✓ Applications requiring high thermal conductivity</li> <li>✓ Sealing and protecting parts from dust and moisture</li> <li>✓ Protecting parts from flame damage</li> </ul>	<b>1436- General Purpose Aluminium Foil Tape-</b> cost effective alternative with paper liner <b>420- Lead Foil Tape-</b> electrically and thermally conductive
	2552	Reduces noise and vibration in many applications	<ul style="list-style-type: none"> <li>✓ Reducing structure-borne noise in metal and composite panels and support structures</li> <li>✓ Reducing vibrational fatigue</li> </ul>	<b>Y434 Aluminium Foil Sound Damping Tape-</b> dampens sound over a wider temperature range
	361	General purpose glass cloth tape	<ul style="list-style-type: none"> <li>✓ High temperature applications requiring high tensile strength, good holding power and abrasion resistance</li> <li>✓ Permanent sealing of high temperature ducts or chambers</li> </ul>	<b>Thermosetting Glass Cloth Tape 365-</b> for heavy duty splicing <b>Glass Cloth Tape 3615-</b> thin backing for extra conformability
	850	Polyester film tape with acrylic adhesive, for clean removal splicing applications	<ul style="list-style-type: none"> <li>✓ Making butt and other splices that require high tensile strength and thin caliper</li> <li>✓ Sealing, protecting and reinforcing in a wide variety of applications</li> </ul>	<b>Powder Coat Masking Tape 8901-</b> for high temperature masking <b>Polyester Film Tape 853-</b> for applications requiring solvent resistance
	5490	Self-lubricating PTFE tape with low coefficient of friction to help improve web processing	<ul style="list-style-type: none"> <li>✓ Easy-release surface on rollers, plates, belts, etc. where build-up of sticky materials and inks can occur</li> <li>✓ Protecting surfaces against heat, chemicals and friction</li> </ul>	<b>PTFE Film Tape 5480-</b> for extra conformability <b>PTFE Glass Cloth Tape 5451-</b> high strength for extra durability
	471	Durable vinyl identification tape or fine line masking.	<ul style="list-style-type: none"> <li>✓ Colour-coding, markings, and identification to aisles, lanes, hazard areas, tools, and equipment</li> <li>✓ Protecting surfaces against abrasion and chemicals</li> </ul>	<b>General Purpose Vinyl Tape 764i-</b> coloured identification tape for non-critical applications
	766i/767i	Hazard warning tapes	<ul style="list-style-type: none"> <li>✓ Marking of equipment for warning purposes</li> <li>✓ Temporary floor marking around equipment or spills</li> <li>✓ Available in black/yellow and red/white combinations</li> </ul>	



# 3M Waterproof Cloth & Duct Tapes

Vast range of duct tapes to suit a variety of purposes from light duty maintenance & repair to demanding industrial, defence & construction applications.



		Product	What is it?	Colours Available	Ideal for:
General purpose utility grade		1900	General purpose value duct tape for light duty applications	<ul style="list-style-type: none"> <li>✓ Silver</li> <li>✓ Black</li> </ul>	<ul style="list-style-type: none"> <li>✓ Temporary repairs</li> <li>✓ Sealing, holding and marking</li> <li>✓ Economical choice</li> </ul>
		3903	General purpose vinyl duct tape for light duty applications	<ul style="list-style-type: none"> <li>✓ Black</li> <li>✓ Silver</li> <li>✓ White</li> <li>✓ Yellow</li> </ul>	<ul style="list-style-type: none"> <li>✓ Marking and colour coding</li> <li>✓ Abrasion resistance</li> </ul>
Performance Medium grade		3997	High strength, versatile water resistant duct tape	<ul style="list-style-type: none"> <li>✓ Black</li> <li>✓ Silver</li> </ul>	<ul style="list-style-type: none"> <li>✓ General splicing, holding and wrapping</li> <li>✓ Patching and repairing</li> </ul>
Best in class premium grade		3998	Strong, versatile, easy-to-use duct tape for demanding industrial & defence industry applications	<ul style="list-style-type: none"> <li>✓ Black</li> <li>✓ Silver</li> </ul>	<ul style="list-style-type: none"> <li>✓ Ammunition container sealing (conforms to Def. Stan. Specification 81-25/2)</li> <li>✓ Duct Sealing</li> <li>✓ Patching and repairing</li> <li>✓ Drum and keg sealing</li> </ul>
		8979	High performance duct tape for indoor & outdoor use in demanding industrial & construction applications. Removes cleanly after up to 6 months.	<ul style="list-style-type: none"> <li>✓ Slate Blue</li> <li>✓ Red</li> </ul>	<ul style="list-style-type: none"> <li>✓ Indoor and outdoor use</li> <li>✓ Applications requiring long term weatherability</li> <li>✓ Patching, sealing, splicing, joining, bundling, wrapping</li> <li>✓ Corrosion protection</li> <li>✓ Temporary pipe and conduit capping</li> <li>✓ Also available in nuclear grade</li> </ul>

- ✓ Range of colours & sizes available
- ✓ Easy tear

# 3M™ Bonding Solutions - Product Adhesion Guidance

	Wood/MDF	Metals	Flexible PVC	uPVC/Acrylic	Polypropylene/ Polyethylene	Rubbers, eg Nitrile & neoprene	Glass/ Mirror/ Ceramic	Powder Paints	Composites	Key:
Wood/MDF	DP609 TS230	DP190 4941*	DP190 4941*	DP190 4941*	DP8005 DP8010NS 4952	DP190 TS230 PR100	DP190 DP609 4941*	DP609 DP620NS 5952*	DP609 DP620NS	Structural Adhesive
Metals	DP190 4941*	DP490 DP810 RP45 4611	DP190 DP460 4941	DP810 RP45 4941	DP8005 DP8010NS 4952	DP190 TS230 PR100	DP610 4910 4941	DP807 5952	DP490 DP460 DP190	Structural Hot Melt Adhesive
Flexible PVC	DP190 4941*	DP190 DP460 4941	DP610 4941	DP810 4941	DP8005 DP8010NS	DP190 TS230 PR100	DP190 4941*	DP610	DP190	Instant Adhesives
uPVC/Acrylic	DP190 4941*	DP810 RP45 4941	DP810 4941	DP810 4941 RP45	DP8005 DP8010NS 4952	DP190 TS230 PR100	DP610 4910 4941	DP807 5952	DP490 DP810 DP620NS	3M VHB Tape
Polypropylene/ Polyethylene	DP8005 DP8010NS 4952	DP8005 DP8010NS 4952	DP8005 DP8010NS	DP8005 DP8010NS 4952	DP8005 DP8010NS 4952	DP8005 DP8010NS	DP8005 DP8010NS 4952	DP8005 DP8010NS	DP8005 DP8010NS	
Rubbers, eg Nitrile & neoprene	DP190 TS230 PR100	DP190 TS230 PR100	DP190 TS230 PR100	DP190 TS230 PR100	DP8005 DP8010NS	DP190 TS230 PR100	DP190 TS230 PR100	DP610	DP190	
Glass/ Mirror/ Ceramic	DP190 DP609 4941*	DP610 4910 4941	DP190 4941*	DP610 4910 4941	DP8005 DP8010NS 4952	DP190 TS230 PR100	DP610 4910 4941	DP190 DP610 5952 4941*	DP190 DP609 DP620NS	
Powder Paints	DP609 DP620NS 5952*	DP807 5952	DP610	DP807 5952	DP8005 DP8010NS	DP610	DP190 DP610 5952 4941*	DP807 5952	DP807 5952	
Composites	DP609 DP620NS	DP490 DP460 DP190	DP190	DP490 DP810 DP620NS	DP8005 DP8010NS	DP190	DP190 DP609 DP620NS	DP807 5952	DP490 DP460 DP620NS	

\* Wood, glass and powder coated paint surfaces require a 3M primer before VHB Tapes are applied, please contact 3M for further assistance.

- ✓ For applications where high strength is required, consider the structural adhesive option. Use **3M VHB Tapes** where it's viscoelastic **nature will benefit** the application.
- ✓ Customer product selection is based upon a mix of factors including adhesion to substrates, viscosity, colour, processing speed, mechanical properties and environmental conditions.
- ✓ For details of the full range of 3M Industrial Adhesives and Tapes, please contact 3M.
- ✓ 3M recommends that thorough evaluation in actual application conditions should take place prior to final product selection.

IMPORTANT NOTICE TO PURCHASER Statements are based on experience and may not have been verified with tests specific to your application. Please determine the suitability of the product for your intended use as conditions can vary from those in our laboratory. For this reason we are unable to accept any responsibility or liability, direct or consequential, for loss or damage caused as a result of our recommendations.



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