



3M Science.
Applied to Life.™

Bringing your products to life.

3M™ Tapes and Adhesive Solutions
for the healthcare market in EMEA.

The healthcare industry is continually changing and growing. The need for new approaches has never been greater, and with the emergence of new techniques and technologies, a partner who masters innovation as well as effective collaboration is more important than ever.

3M™, a recognized leader in worldwide research, draws upon its 45 unique technology platforms to offer practical and ingenious solutions. Our aim is to provide you with reliable products that help the healthcare industry ensure high quality, economical processes.

3M™ offers a range of innovative adhesives for cost-efficient operations with high-quality results. There's a 3M™ adhesive for almost any application in the medical field. Read on to see how you can enhance your assembly processes.



Strong bonds.

3M™ VHB™ Tapes create tough, durable bonds for a range of applications. Quick and easy to apply, these tapes can bond a range of substrates including metals, plastics and painted surfaces. They create strong bonds while eliminating unsightly mechanical fasteners.

Characteristics

- ▶ Double-coated high-performance adhesive tape
- ▶ Creates durable bonds quickly and easily
- ▶ High initial strength which builds over time
- ▶ Superior temperature and solvent resistance
- ▶ Excellent sealing properties
- ▶ Vibration dampening

Application examples

- ▶ Panel to frame
- ▶ Mounting and Trim attachment
- ▶ Housing assembly
- ▶ Small parts bonding

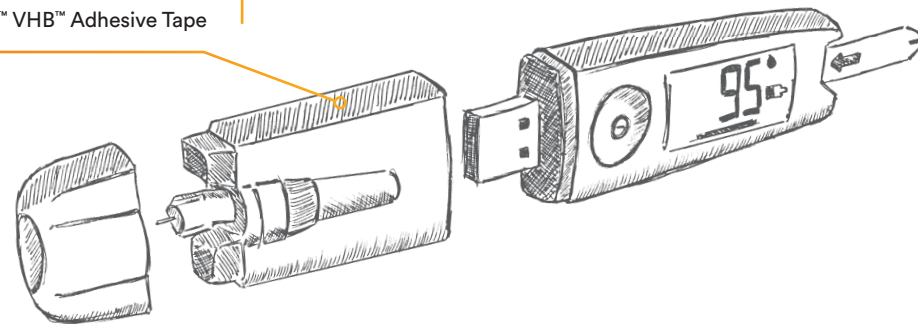
Recommended products

- ▶ 3M™ VHB™ Tapes GPH Series
- ▶ 3M™ VHB™ Tapes LSE Series
- ▶ 3M™ VHB™ Tapes 5952 Series
- ▶ 3M™ VHB™ Tapes 4941 Series

Vision tester for screening children:
3M™ VHB™ Adhesive Tape is used
to attach coated glass to the
plastic frame



Assembling the housing
of glucose meters with
3M™ VHB™ Adhesive Tape



Advancing design, process and performance.

3M™ Scotch-weld™ Structural Adhesives help you advance design, process and performance. These durable adhesives create invisible joints and can bond across a range of difficult substrates to give you greater design freedom. Quicker and easier to install than many mechanical fasteners, they have greater temperature resistance and increased long-term durability.

Characteristics

- ▶ Improved aesthetics with invisible joints and smoother bond lines
- ▶ Bonds a range of substrates
- ▶ Applies quickly and easily with different cure rates to suit your needs
- ▶ Easy to use with different viscosities and flow rates
- ▶ Flexible bonds absorb shock and vibration
- ▶ Increased durability with chemical and corrosion resistance
- ▶ High shear and peel strength
- ▶ Bonds maintained through high temperatures, allowing for thermal expansion
- ▶ Resists becoming brittle when cold

Application examples

- ▶ Large medical device manufacturing (e.g. X-Ray machines)
- ▶ Control panels and displays
- ▶ Oxygenator filter production
- ▶ Medical splints
- ▶ Stretchers, wheelchair and surgery tables

Recommended products

- ▶ 3M™ Scotch-weld™ Epoxy Adhesive DP490
- ▶ 3M™ Scotch-weld™ Epoxy Adhesive DP190
- ▶ 3M™ Scotch-weld™ Epoxy Adhesive 2216
- ▶ 3M™ Scotch-weld™ Plastic & Rubber Instant Adhesive PR100
- ▶ 3M™ Scotch-weld™ Acrylic Adhesive DP8407NS



Flexible in every way.

The reclosable fastening solutions from 3M™ are ideal for applications where multiple openings and closures are required without losing tensile strength. Available with high-performance adhesives for a powerful bond with a range of substrates, these fasteners are fast and easy to use for secure closure and easy peel-away.

Characteristics

- ▶ Multiple opening and closures without losing strength
- ▶ Available with high-performance adhesives
- ▶ Fast and easy to use
- ▶ Good temperature, moisture and UV resistance
- ▶ Ideal for high aesthetic demands
- ▶ A wide range of interlocking strengths and profiles are possible
- ▶ Easy to attach and remove
- ▶ Vibration dampening

Application examples

- ▶ Wristbands
- ▶ Footwear and clothing closures
- ▶ Attaching measuring devices
- ▶ Device and apparatus assembly
- ▶ Specialty vehicles like ambulances (interior attachments)
- ▶ Cushions on stretchers

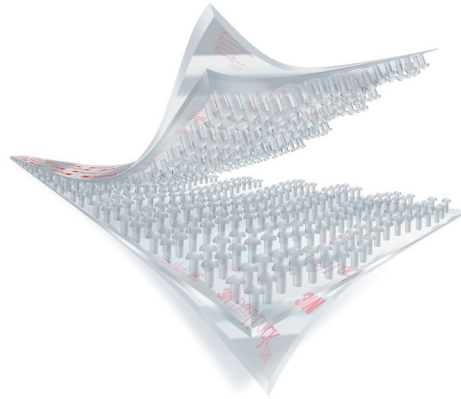
Recommended products

3M™ Dual Lock™ Reclosable Fasteners

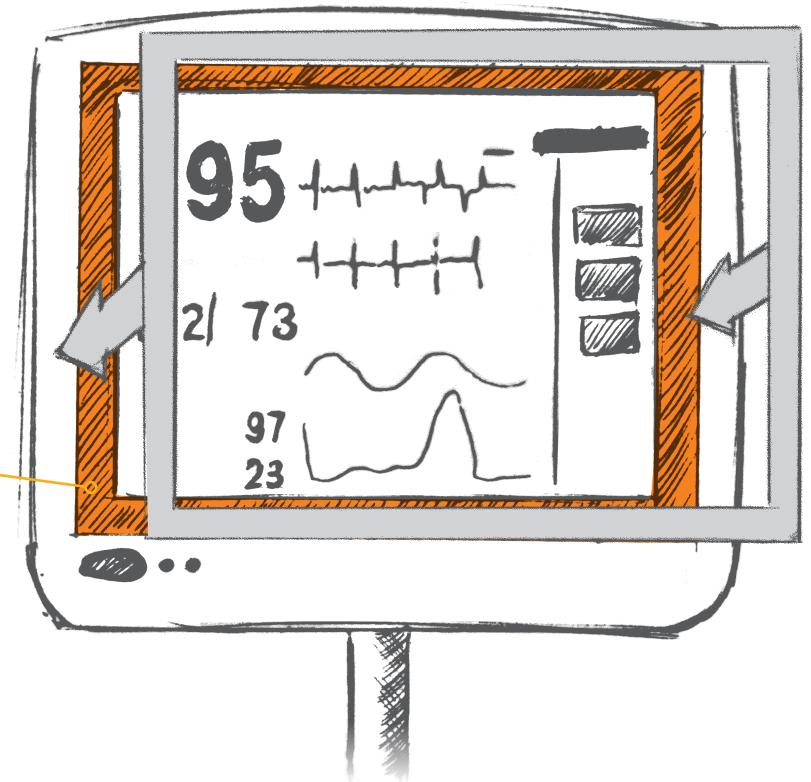
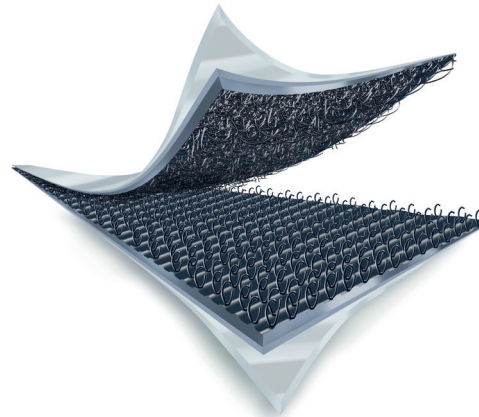
- ▶ 3M™ Dual Lock™ Reclosable Fastener SJ3550 – 40 stem density per cm²
- ▶ 3M™ Dual Lock™ Reclosable Fastener SJ3551 – 62 stem density per cm²
- ▶ 3M™ Dual Lock™ Reclosable Fastener SJ3552 – 26 stem density per cm²

3M™ Hook and Loop Fasteners

- ▶ 3M™ Fastener Loop SJ3571
- ▶ 3M™ Fastener Hook SJ3572



Simple and versatile use of a monitor filter with 3M™ Dual Lock™ Reclosable Fastener



Solutions you can count on.

Cleaner, tighter edges mean you've got precision at your fingertips – and you can count on it when it matters most. This performance-based adhesive series provide long lasting reliable bonds in the field of medical device technology. Our products can meet the needs of a wide range of uses.

Characteristics

- ▶ Long-term ageing resistance for durable bonds
- ▶ Excellent adhesion to difficult-to-bond surfaces
- ▶ Superior temperature and chemical resistance
- ▶ Provides a seal against dust and moisture

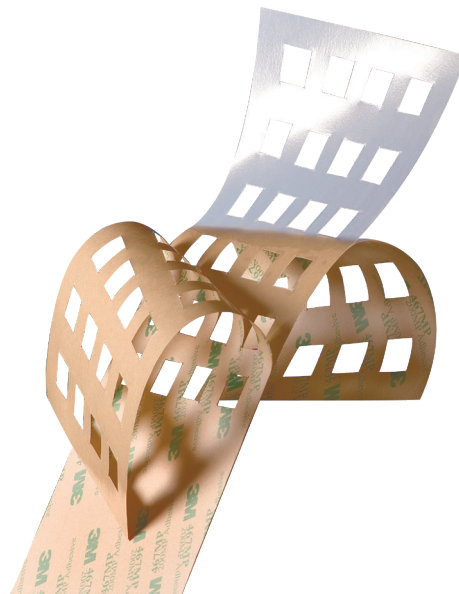
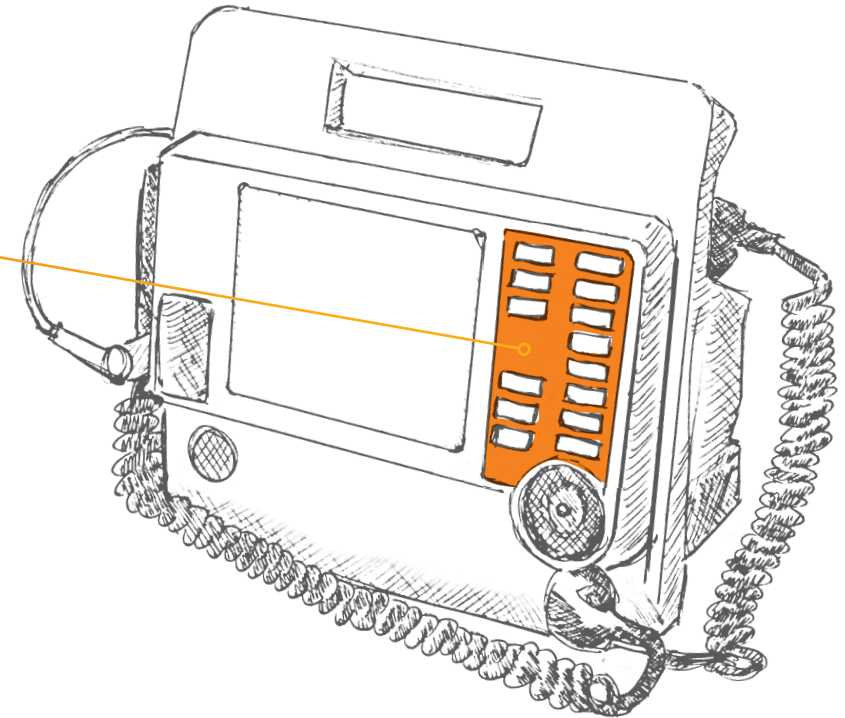
Application examples

- ▶ Membrane switch assembly
- ▶ Metal to plastic assembly
- ▶ Bond wood laminate to plastic in hospital beds
- ▶ Face shield attachment
- ▶ Die-cut parts for LCD display panels and more

Recommended products

- ▶ 3M™ Adhesive Transfer Tape F9469PC – Metal to Metal
- ▶ 3M™ Adhesive Transfer Tape 467MP – Metals to Plastic
- ▶ 3M™ Membrane Switch Spacer 7952MP – Membrane Switch
- ▶ 3M™ Double Coated Tape 99786 – Foam to Foam/Plastic
- ▶ 3M™ Double Coated Tape 93015LE – Plastic to Plastic

Membrane keypad serving as a control panel: multi-layered assembly using 3M™ Adhesive Transfer Tapes and Membrane Switch Spacers



Security that is here to stay.

Making sure medical devices, laboratory and diagnostic equipment and samples are properly labelled is crucial to the healthcare sector. Labels need to have high resistance to sterilization cycles to ensure readability of important data and maintained traceability. Care is required when labelling equipment, instruments and containers, and the label material should easily conform and adhere to small diameters.

Characteristics

- ▶ Excellent adhesion to difficult-to-bond surfaces
- ▶ Flexible materials for application on curved surfaces and tight radii
- ▶ Very good printability using conventional printing methods, including variable information printing
- ▶ Resistant to the harsh conditions of vapor sterilization, DIN EN 60601-1 VDE 0750-1 and low/freezing temperatures
- ▶ Easy to use even with gloves on
- ▶ Destructible materials
- ▶ Tamper-proof materials (VOID, Triangle)
- ▶ UL and cUL recognised
- ▶ Face shields

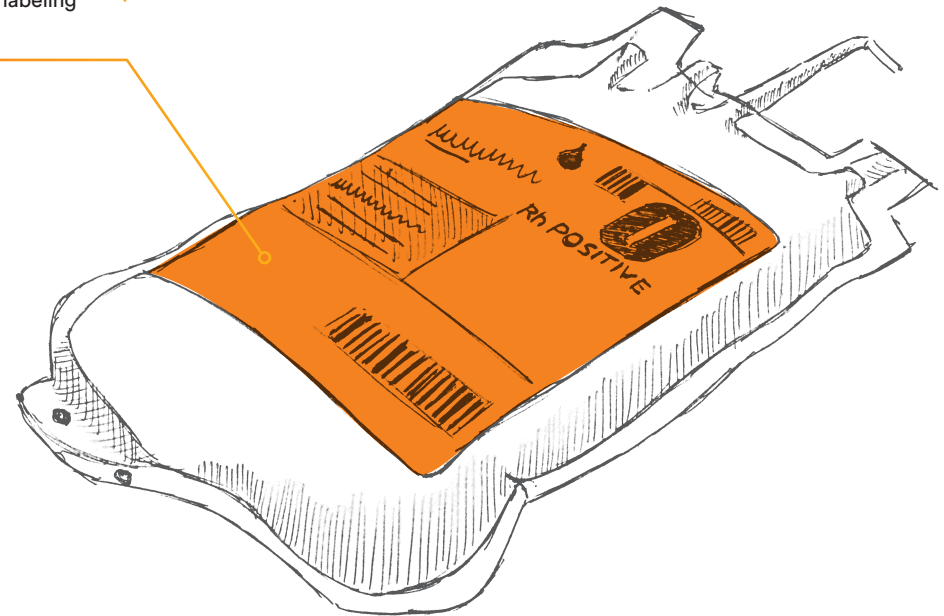
Application examples

- ▶ Rating, specification, warning and instruction labels
- ▶ Barcodes
- ▶ Sealing and safety labels
- ▶ Device and housing labelling for example electrical devices
- ▶ Identification labels for blood and infusion bags
- ▶ Tamper indicating films
- ▶ Labelling laboratory equipment, instruments and containers

Recommended products

- ▶ 3M™ Versatile Print Label Material 7871V
- ▶ 3M™ Polyester Label Material 7874EC
- ▶ 3M™ Thermal Transfer Printable Label Material 92200
- ▶ 3M™ Polyolefin Label Material FP0354EG
- ▶ 3M™ Nylon Label Material 76909

Safe and direct labeling of blood bags



Versatile to the extreme.

Ideal for use across a range of substrates including fabrics, insulation and other porous materials, 3M™ spray adhesives are quick and easy to apply directly to surfaces for a high-strength, permanent bond. 3M™ aerosol, cylinder and bulk adhesives are extremely versatile, with multipurpose, heavy-duty and foam and fabric varieties that can be sprayed, rolled or brushed to best suit your needs.

Characteristics

- ▶ Clean appearance which resists yellowing
- ▶ Heat-resistant, water-dispersed adhesive
- ▶ Provides professional, industrial strength for demanding applications
- ▶ Bonds a range of materials and substrates
- ▶ Quick, easy and safe to use
- ▶ Low overspray and high coverage minimize waste

Application examples

- ▶ Foam and fabric bonding where flammability is a factor
- ▶ Medical beds
- ▶ Pipe wrapping
- ▶ Acoustic and fibreglass insulation installation
- ▶ Architectural and decorative panelling
- ▶ Moulded foam bonding

Recommended products

- ▶ 3M™ Fastbond™ Foam Adhesive 100NF
- ▶ 3M™ Fast Tack Water Based Adhesive 1000NF
- ▶ 3M™ Fastbond™ Insulation Adhesive 49



The highest level of expertise.

Get strong resistance to heat, impact, fuel and oil. Hot melt adhesives offer extreme temperature stability (300°F/149°C) and are excellent for electronics and potting. Encourage high-tempo productivity with a 25-second open time that is sufficient for fit positioning and adjusting while the low odour maintains a comfortable work environment. Hot melt adhesives can bond wood, polypropylene, electronics, vinyl and lightweight substrates on furniture, small appliances and general product assembly.

Characteristics

- ▶ Provides extreme temperature stability 300°F/149°C for a durable bond
- ▶ Fuel, oil and impact resistant
- ▶ Multi-purpose adhesive works on a variety of substrates, including most plastics
- ▶ Fast setting allows for quick assembly
- ▶ Excellent adhesive for electronics and potting applications

Application examples

- ▶ Wire harness attachments
- ▶ Electronics potting
- ▶ Metal and plastic bonding in appliances
- ▶ Attaching trim

Recommended products

- ▶ 3M™ Hot Melt Adhesive 3779



3M™ Tapes for floor marking

Durable and reliable.

Create physical distancing markings quickly and easily for immediate and long-term needs. With 3M™ adhesive solutions you can make sure customer, visitor and employee safety comes first.

3M™ Vinyl Tape 471, 5702

Characteristics

- ▶ Long-lasting durability, excellent colour stability
- ▶ Fast and easy to apply
- ▶ Comes up easily and cleanly, in one piece
- ▶ Long term clean removal
- ▶ High conformability

Application examples

- ▶ Physical distancing solution for medium to long term needs
- ▶ Make floor layouts easy and quick to change

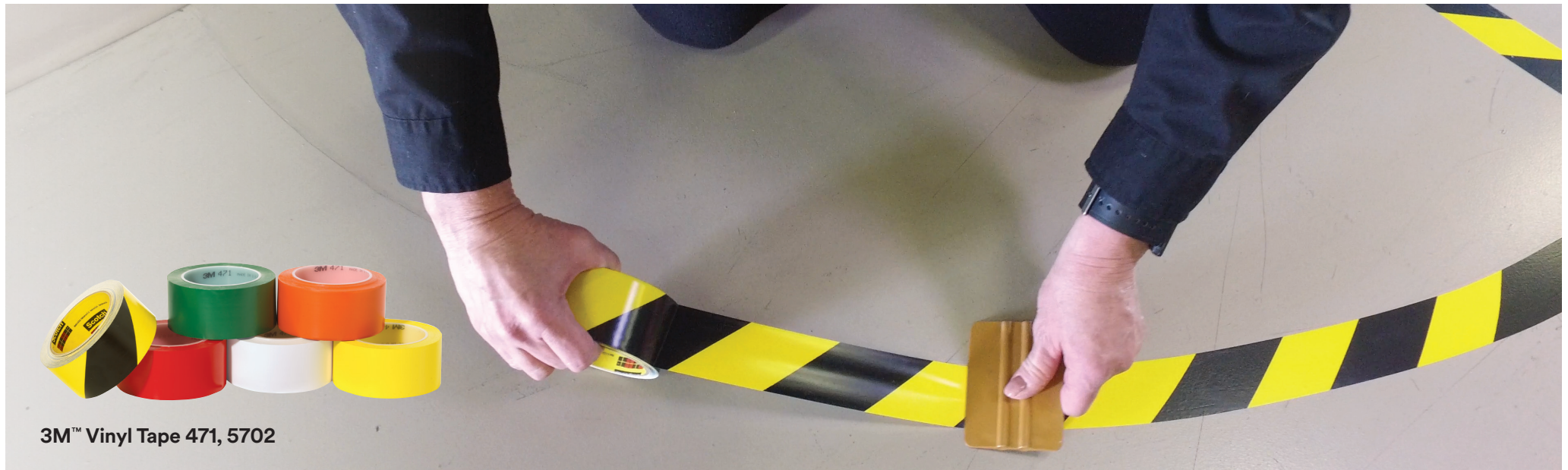
3M™ Vinyl Tape 764, 766, 767

Characteristics

- ▶ Economical lane and colour marking
- ▶ Fast and easy to apply
- ▶ High conformability

Application examples

- ▶ Short term and economical solution for a variety of hazard, safety marking, and marking applications in light traffic areas



3M™ Vinyl Tape 471, 5702



Why choose 3M™?

3M™ uses science and technology to improve lives and provide innovative manufacturing solutions around the world.

A market leader in bonding technology, 3M™'s tapes and adhesives are used in countless industries thanks to their unwavering reliability and ease-of-use, making them some of the most popular on the market. We collaborate with our customers to help them develop lighter, more attractive, longer lasting products at an affordable price point with better flexibility when designing and selecting materials. From our low-profile tapes to our structural adhesives, 3M™'s bonding technology can provide adhesive solutions throughout the manufacturing process and beyond.

Solve your production challenges with 3M™'s innovative range of bonding and adhesive solutions. With 3M™, you can make a long-lasting connection without the need for screws or welding, improve performance and speed up production without lengthy curing and drying times. 3M™'s adhesive solutions help improve design and manufacturing processes, so you can deliver high-quality, competitive products to the market.

Our adhesive experts can provide you with the best technical advice, so you'll feel confident choosing the right solution for your operation. Through individual laboratory testing we can recommend the best products to fit your production line based on stability and durability to give you a unique, personalized solution.

If you're unsure what product is best for you, get in touch with our team of experts for a free sample so you can test our range of bond and adhesive solutions yourself before making the decision to buy.



Solventless technology

3M™ Tapes, Fasteners and Adhesives are made with a solventless technology.

Product selection and use

Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product and appropriate safety products, or to meet all applicable safety regulations, may result in injury, sickness, death, and/or harm to property.

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