



Tapes & Adhesives for the Signage Industry

lamont
industrial ltd
ABRASIVES • TAPES • ADHESIVES

3M

Authorized Distributor

About Us

Lamont Industrial Limited have been synonymous with Abrasive Manufacture and Supply in Northern Ireland for over 35 years. During this time we have provided solutions to some of the UK and Ireland's most advanced manufacturers.

The valuable application knowledge we have gained with decades of problem-solving experience, and access to research and development information from our supply partners, means we should be able to find solutions to the most demanding of manufacturing situations.

From wood and metal finishing through to aircraft components, from packaging tape to structural tapes, from wood bonding to bonding complex composite panels for the luxury sports car industry, we have a product to meet your needs.

Our ever-expanding variety means we are now stocking and distributing a large range of Industrial Abrasives, Tapes and Adhesives from some of the worlds most renowned innovators.

Dream. Design. Deliver.

3M™ VHB™ Tape 4910, Transparent

A clear, 1 mm thick, general purpose acrylic adhesive on both sides of a firm, foam core. It can replace rivets, welds and screws. The fast and easy to use permanent bonding method provides high strength and long-term durability. It offers design flexibility with its viscoelasticity and powerful ability to bond to a variety of surfaces. It is colourless making it ideal for bonding transparent materials or for applications where a coloured bond line is unacceptable.



3M™ VHB™ Tape 5952, Black

The strong, fast and easy way to create durable and reliable bonds, eliminating rivets, screws, bolts and welds. 3M™ VHB™ Tape 5952 provides a strong bond on powder coated surfaces and difficult-to-stick surfaces along with long-term durability. It offers design flexibility with its viscoelasticity and powerful ability to bond a variety of surfaces.



3M™ High Grade Double Coated Foam Tape 4614F, Transparent

A clear, 0.8 mm thick, general purpose acrylic adhesive on both sides of a firm, foam core. It can replace rivets, welds and screws. The fast and easy to use permanent bonding method provides high strength and long-term durability. It offers design flexibility with its viscoelasticity and powerful ability to bond to a variety of surfaces. It is colourless making it ideal for bonding transparent materials or for applications where a coloured bond line is unacceptable.



3M™ Double Coated Polyethylene Foam Tape 9546, White

Mount and join a wide range of materials, including apolar substrates, with 3M™ Double Coated Foam Tape 9546. Our versatile, white 1mm tape is a polyethylene foam coated on both sides with a modified acrylic pressure sensitive adhesive. Usable in temperatures ranging from -40°C to 80°C, our double coated tape is perfect for general purpose mounting and joining.



3M™ VHB™ RP Tapes

The best formulas deliver the best performance.

All acrylic construction gives 3M™ VHB™ RP extraordinary strength, conformability and versatility. 3M VHB bonds to a wide variety of surfaces, including:

- ▶ Glass
- ▶ Metal
- ▶ Some plastics
- ▶ Composites
- ▶ Sealed wood

Product code	Thickness (mm)
RP16	0.4
RP25	0.6
RP45	1.1
RP62	1.6

Available in 12mm, 19mm and 25mm x 33M length rolls. Custom sizes also available.

- ▶ **Demanding strength;** disperses stress, dampens sound and vibration.
- ▶ **A durable difference;** extreme temperatures, wind, UV rays.
- ▶ **Application efficiency;** bonds and seals in one step, cuts down prep work, conforms to surfaces. Simple and easy to apply.
- ▶ **Improved aesthetics;** seamless fastening, bond dissimilar materials, “invisible” designs.

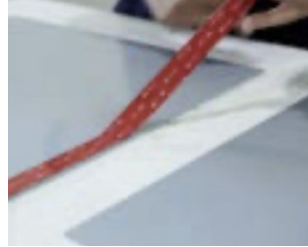


3M™ VHB™ Tape GPH Series



High Temperature Resistance

3M VHB GPH series bonds better to metals before high temperature powder coated paint process, helping you to increase productivity. The composition of the 3M VHB GPH family allows the tape to resist high temperatures (+230° C short term) making it ideal for use on jobs that go through a powdercoating process.



Multi Material Bonding

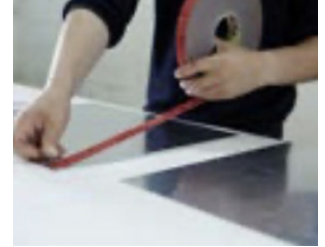
Designed for multi material bonding, 3M VHB GPH series can bond to a wide variety of substrates. The acrylic construction provides versatility, bonding to: Glass, metal, some plastics, composites and sealed wood.

The advantage: one tape for many applications



Conformable Foam

Ease of application, the soft foam enables excellent stress relaxation and gap filling. The conformability of 3M VHB GPH allows a more complete bond contact area when bonding rigid or irregular materials. The product allows for quick liner release, easing the application process.



High Initial Tackiness

3M VHB Tapes are simple and easy to apply, saving you time and money. The strong “quick stick” technology creates high initial handling strength. 3M VHB GPH has increased initial tack over our existing range. The tapes bond on contact, making it easy to assemble, and can be cut to precise shapes and sizes for custom applications.



3M™ VHB™ Tape GPH Product Family



3M™ VHB™ Tape GPH-060GF



3M™ VHB™ Tape GPH-110GF



3M™ VHB™ Tape GPH-160GF

All available in 12mm, 19mm and 25mm x 33M length rolls. Custom sizes also available.



3M™ VHB™ Tape LSE Series

The 3M™ VHB™ Tape LSE Series is a double-sided acrylic foam tape developed specifically for LSE substrates such as polypropylene (PP), thermoplastic elastomers (TPE) and thermoplastic olefins (TPO), to create a long-lasting, high-strength bond without the use of a primer or promoter.

3M™ VHB™ Tape LSE vs. Liquid Adhesives	3M™ VHB™ Tape LSE vs. Ultrasonic welding	3M™ VHB™ Tape LSE vs. Mechanical fasteners
Immediate handling strength for faster assembly	Bond non-compatible materials or delicate substrates	Bond dissimilar materials or delicate substrates
No messy bond lines	Overcome challenging part geometry	Clean aesthetics
No crazing or cracking of substrates	No upfront investment in ultrasonic welding equipment	Reduce bulk of final assembly

3M™ VHB™ Tape LSE Product Family



3M™ VHB™ Tape LSE-060WF



3M™ VHB™ Tape LSE-110WF



3M™ VHB™ Tape LSE-160WF

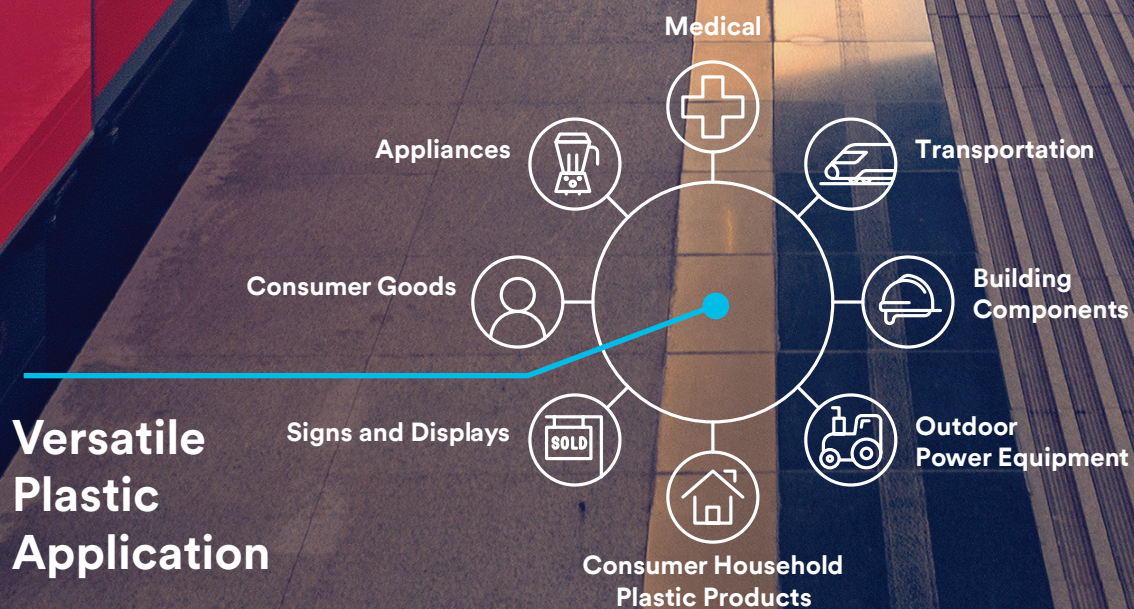
All available in 12mm, 19mm and 25mm x 33M length rolls. Custom sizes also available.

Push boundaries. Unlock potential.

Design for the ever-changing world.

Plastics, composites and other low surface energy (LSE) materials are integral to the future of manufacturing. Unfortunately, bonding these materials with adhesives can be difficult and often requires the use of a primer or adhesion promoter.

The 3M™ VHB™ Tape LSE Series is a double-sided acrylic foam tape developed specifically for LSE substrates such as polypropylene (PP), thermoplastic elastomers (TPE) and thermoplastic olefins (TPO), to create a long-lasting, high-strength bond without the use of a primer or promoter. Now you're free to choose the material that's right for your design.



Versatile Plastic Application

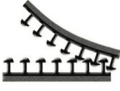
- ▶ Resilient
- ▶ Conformable
- ▶ Durable

3M™ Dual Lock™ Reclosable Fasteners

Not all design requirements are easily satisfied, but you can simplify your attachments.

When you need a strong, reliable, yet removable closure or attachment, 3M™ Dual Lock™ Reclosable Fasteners are the easy alternative to traditional fastening methods such as screws, nuts or bolts.

- ▶ Strong, interlocking mushroom-shaped heads close with a snap to assure your design is securely fastened.
- ▶ The many adhesive options help to reduce concerns of material damage and deformation, fastener placement, contamination and corrosion, and the challenges of joining dissimilar materials.
- ▶ Works behind the scenes as an invisible fastener to create a snug fit and smooth lines for improved aesthetics and sleek appearances.
- ▶ Provides the application ease of tape and the durability of a traditional fastener



Reliable Performance
Strong, interlocking mushroom-shaped heads connect with an audible “snap”; Peel apart to open; Easily attach and detach multiple times

Customize for Your Application
Mix and match stem densities for the ideal closure strength; Choose from a variety of widths and adhesive options

Quick and Easy to Install
Adhesive sticks on contact to a variety of materials without special tools (no drilling, screwing, sewing); Non-adhesive product also available

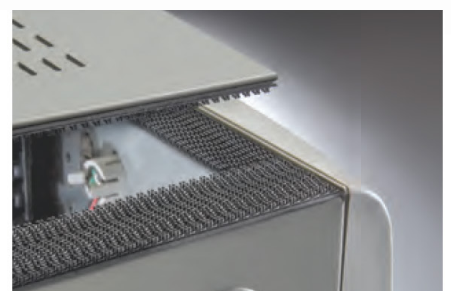
Design Flexibility
Lightweight and low profile; Fastener is hidden beneath the surface and does not interfere with the integrity of the design; No holes or traditional fastener marks



Attach elevator control panel to interior wall.



Fasten ceiling panels to interior for future access.



Attach access panels to industrial, electronic and electrical equipment.

Experience the simplicity.

- ▶ Durable — up to 1,000 openings and closings before losing 50% of original tensile strength
- ▶ Helps reduce vibration
- ▶ Application and maintenance ease
- ▶ Pressure-sensitive adhesive easily forms a powerful bond
- ▶ Temperature, moisture and UV resistant
- ▶ Interlocking mushroom-shaped heads have 5X the tensile strength of hook-and-loop products
- ▶ Low profile option available — approximately half the thickness of standard fastener

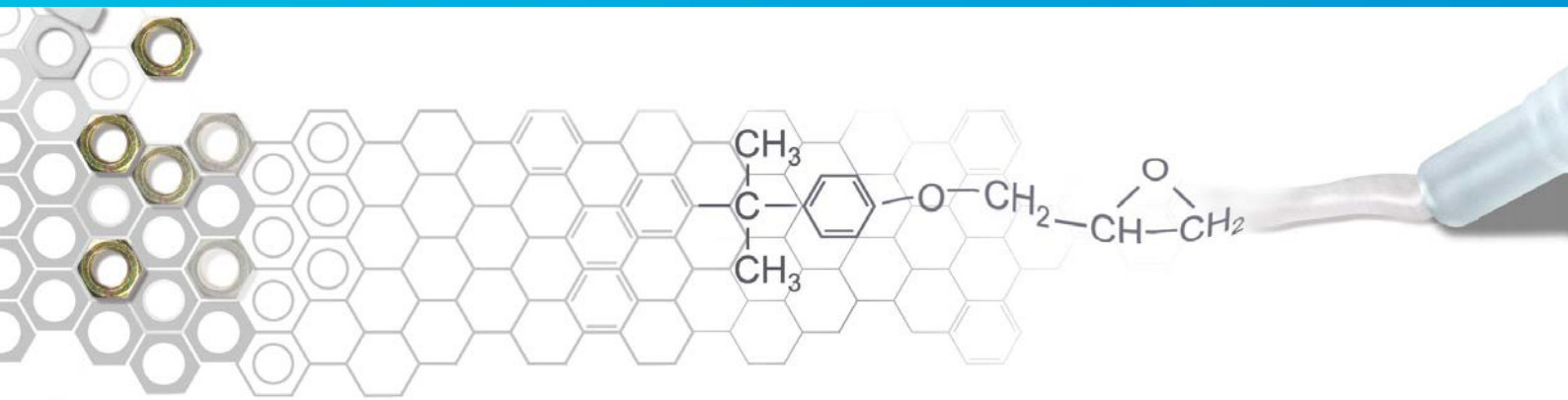
Product	Stem Density (per sq/ in)	Adhesive	Colour	3M Liner	Engaged Thickness	Temperature Resistance °F (°C)	Substrates					Use	Markets												
							Metals (Al & SS)	Glass	Plastics, (Acrylic, PC, ABS)	Powder Coated Paints	Low Surface Energy (PP, PE)		Aerospace & Rail	Appliance & Electronics	Design & Construction	Furniture & Upholstery	General Industrial	Marine & Speciality Vehicle	POP, Display & Signage						
SJ3540	250	Rubber	Black	White 5mil (0.13mm) Polyolefin	0.23in (5.7mm)	120 (49)	■		■	■	■	Indoor					■	■		■					
SJ3541	400																								
SJ3542	170																								
SJ3550	250	White Acrylic	Black	Clear, 4 mil (0.10mm) Polyolefin	0.23in (5.7mm)	200 (93)	■	■	■	●	●	Indoor/ Outdoor	■	■	■	■	■	■	■	■	■				
SJ3551	400																								
SJ3552	170																								
SJ3560	250	Clear Acrylic	Clear	Clear, 4mil (0.10mm) Polyolefin	0.23in (5.7mm)	200 (104)	■	■	■	●	●	Indoor/ Outdoor		■	■	■	■	■	■	■	■				



Secure plastic signs to window glass.



Anchor vehicle accessories to dashboard.



Scotch-Weld™
Structural Adhesive

Structural Adhesives



3M™ Scotch-Weld™ EPX Super Transparent Acrylic Adhesive DP804, Transparent, 48.5 ml

The Scotch-Weld™ EPX™ Bonding System is a discharging system for mixing two-component mixed adhesives. The main agent and the curing agent with the cartridge are mixed and discharged by a special hand gun and a special nozzle.

3M™ Scotch-Weld™ Metal Bonder Acrylic Adhesive DP8407NS, Grey, 45ml

3M™ Scotch-Weld™ Metal Bonder Acrylic Adhesive DP8407NS is a gray structural adhesive with high overlap shear and peel strength with good impact resistance and durability. This adhesive was designed to bond permanently to bare metals with minimal surface preparation, but also bonds well to wide variety of other materials, including most plastics.



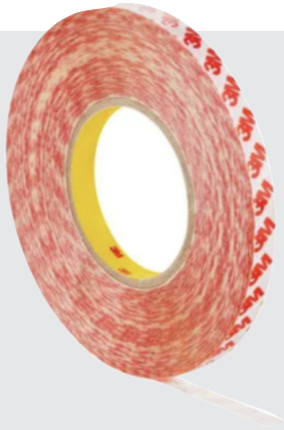
3M™ Scotch-Weld™ Low Odour Acrylic Adhesive DP8805NS, Green, 45ml

3M™ Scotch-Weld™ Low Odor Acrylic Adhesive DP8805NS is our standard low-odor, non-sag, toughened, two-part acrylic adhesive. This adhesive is an ideal choice for a wide variety of industrial and commercial applications since it reaches structural strength twice as fast as most other competitive acrylic adhesives with a comparable open time.



**3M™ Scotch-Weld™
Structural Adhesives
are Transforming the
Way Engineers Think**

Thin Bonding Tapes



3M™ Double Coated Tape GPT-020F, Transparent

Designed for Versatility: 3M™ Double coated tape GPT-020F is a transparent, 200 micron thick, modified solventless acrylic adhesive with a white printed PP filmic liner. 3M GPT-020F combines a high level of peel and shear performance enabling high adhesion to a wide variety of substrates both to high and some low surface energy substrates.



3M™ Adhesive Transfer Tape 467MP, Clear

Apply 3M™ Adhesive Transfer Tape 467MP and get a product that offers excellent moisture, solvent, and UV and temperature resistance. This tape is made of a 200MP high performance acrylic adhesive on 105µm #58 polycoated kraft liner. It gives a thin conformable bond line and outstanding adhesion to metal and high surface energy plastics. It's also ideal for graphic and nameplate attachment, and is easy to die-cut and process.
Available in 305mm, 610mm & 1220mm



3M™ Adhesive Transfer Tape 468MP

3M™ Adhesive Transfer Tape 468MP get excellent shear strength, temperature and chemical resistance with our easy to apply 3M™ Adhesive Transfer Tape 468MP. It's an acrylic adhesive on a polycoated kraft paper liner and is ideal for die-cutting.
Available in 305mm, 610mm & 1220mm

Speciality Masking Tapes

3M™ General Purpose Masking Tape 201E, Beige

The 3M™ General Purpose Masking Tape 201E is a premium-quality masking tape used for short-term paint masking, fixing, bundling, holding, sealing, and other applications up to a temperature of 80°C for one hour. Chamois color, rubber adhesive, thickness 0,135mm. This tape is designed for general use in industrial applications with a slight need for temperature and water resistance such as short-term paint masking and sealing applications. It provides a good instant adhesion and holding power that resists lifting or curling. Its crepe paper backing offers conformability that will maintain integrity when formed around corners. Its good solvent and moisture resistance helps to resist paint bleed through and provides good paint lines due to its clean removability in one piece with no residue from most surfaces.



Featured Applications

- ▶ Good instant adhesion and holding power that resists lifting or curling
- ▶ Good solvent and moisture resistance, for indoor use
- ▶ Conformable tape, does not tear when unfolding
- ▶ Operating temperature range up to 80°C / 1h
- ▶ Reduces paint build-up and provides good paint lines, helps resist paint bleed through

3M™ General Purpose Masking Tape 101E, Beige

3M™ Value Masking Tape 101E is a smooth, multi-purpose crepe paper tape for room temperature indoor light-duty applications. It is ideal for non-critical paint masking, but also bundling, sealing, attaching, and other applications. Chamois color, rubber adhesive, thickness 0,12mm, this tape is designed for general use.

Featured Applications

- ▶ General purpose short-term room temperature paint applications
- ▶ Light-duty applications
- ▶ Masking for joint sealing applications
- ▶ Use for temporary fixing, attaching or holding
- ▶ Label marking



Considerations when selecting 3M™ Adhesives and Tapes for your product and process.



Assembly

What type of assembly is required? (Refer to 7 common assembly types in the right hand column.)

What are the overall performance needs of the assembly (flexibility, high peel strength, etc.)?



Substrate

What materials are being bonded together? Consider the surface condition texture of each material.



Process

What is the current assembly and manufacturing process? Does the solution need to fit into the current process/equipment or can the process/equipment change? What are the various process steps and how quickly will the assembly be moved to each step?

At any time, might the assembly bond need to be repositioned? If so, why and when? Are there any environmental, regulatory or workplace safety restrictions?



End-use

How and where is the final product used? Will the assembly be exposed to harsh environmental conditions (UV, chemicals, high humidity, very high or low temperatures, etc.)?



Cost

Where can improvements be made in the assembly process (labour, reduction of process steps, materials, workflow, etc.)?

Assembly Solutions are made up of these common applications:



Panel to Frame/
Stiffener to Panel



Small Joint
Assembly



Large Surface
Lamination



Mounting and
Trim Attachment



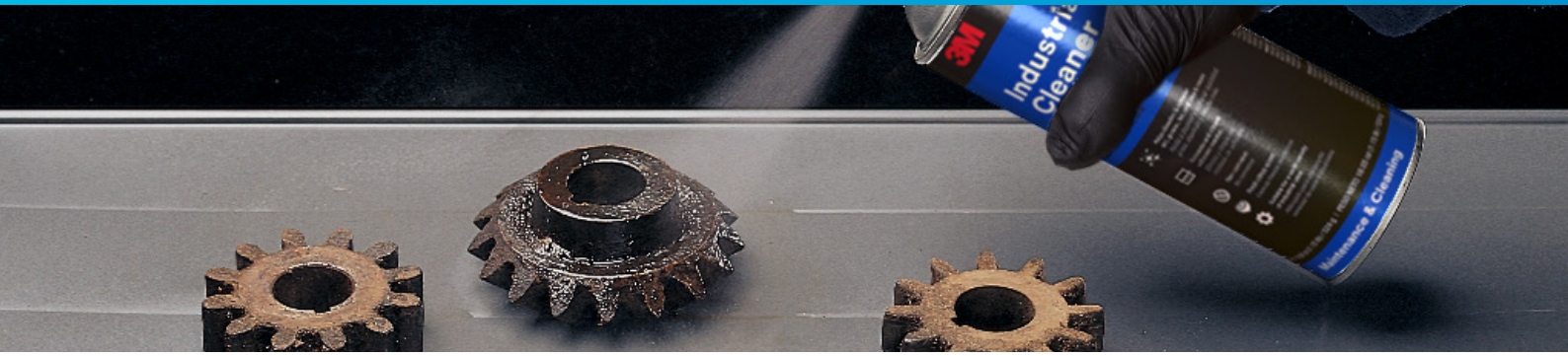
Gasket
Attachment



Sealing



Potting and
Encapsulating



Accessories

Foam Tapes

3M™ VHB™ Surface Cleaner, 1 L

3M™ VHB™ Surface Cleaner is a very pure solution of Isopropyl alcohol in water. It is colourless, has very little odour and evaporates very quickly leaving no residue.



3M™ Primer 94, Yellow, 236 ml

3M™ Tape Primer 94 is an adhesion promoter for use in conjunction with 3M™ VHB™ Tape that supports adhesion to critical substrates such as PE, PP, ABS, PET/PBT blends, concrete, wood, glass, metal and painted metal surfaces.



Industrial & Sustainable Adhesives

3M™ Super 77™ Multipurpose Spray Adhesive

3M™ Super 77™ Multipurpose Spray Adhesive is an extremely versatile, fast-drying, and transparent spray adhesive that bonds a wide range of lightweight materials. Our fast, permanent bond provides fast results to keep projects moving ahead. The spray formula is easy to dispense and apply directly onto surfaces and materials where needed.



3M™ Industrial Cleaner Citrus Base, Transparent, 500ml

3M™ Industrial Cleaner Citrus Base is ideal for helping dissolve and remove dirt, grease, tar, and many non-curing type adhesives. They are a citrus oil based cleaner and contain no petroleum distillates.





Structural Adhesives

3M™ Scotch-Weld™ Plastic & Rubber Instant Adhesive PR100, Transparent

3M™ Scotch-Weld™ Plastic & Rubber Instant Adhesive PR100 is a low viscosity instant adhesive.

Bond difficult substrates, such as EPDM and nylon.

Get a general purpose and low viscosity instant adhesive.

Use in a variety of industries from Transportation to Medical, Military and Government.

Strong, durable and long lasting bond on a variety of substrates Fast curing to keep projects moving quickly



Applicators

3M™ Hand Applicators

3M™ Hand Applicators are reusable flexible squeegee-type film applicators designed for professional installers. Available in blue with a soft edge that helps conform graphic film over very light textured substrates or gold with a nylon reinforced edge that resists damage and lasts longer than many other hand applicators.

PA1 Blue Applicator

PA1-B

PA1 Gold Applicator

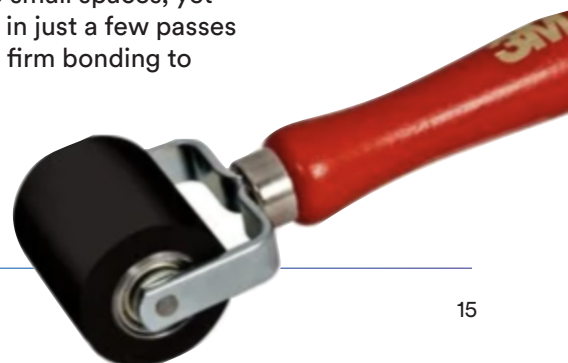
PA1-G

VHB Rollers

3M™ Safety-Walk™ Rubber Hand Roller, 15cm, 903

Helps provide a firm bond when applying slip-resistant tapes and treads.

Hand roller helps provide a firm even bond when applying 3M Safety-Walk Slip-Resistant Tapes and Treads. Handle is shaped for comfort. Rubber roller surface won't damage tape or typical surrounding surfaces. Hand roller fits into small spaces, yet covers wide treads in just a few passes. Roller helps ensure firm bonding to clean, dry surfaces.



lamont
industrial ltd

ABRASIVES • TAPES • ADHESIVES

Email: sales@lamontindustrial.co.uk

Web: www.lamontindustrial.co.uk

Mob: +44 (0) 79 9972 0206

Tel: +44 (0) 28 2588 1231

Fax: +44 (0) 28 2588 0883

**2 Old Mill Park,
Cullybackey, Ballymena,
Co. Antrim,
BT42 1FA**

