





Doors and Windows Market



























Doors and windows market / Wooden windows

Surface preparation











3M[™] VHB[™] Surface Cleaner

3M VHB Surface Cleaner IS an isopropyl alcohol based liquid cleaner. It cleans and degreases to ensure optimum adhesion for 3M™ VHB™ Tapes. The adhesive strength of a tape can be influenced by various factors, such as the types of materials it's stuck to, their porosity or roughness, the application temperature and their cleaning.

Note: For correct bonding it's necessary to thoroughly clean surfaces using the surface cleaner and wiping with a cloth in one direction to avoid spreading dirt.









3M[™] Polyester Tape 8991 and 8992

3M Polyester Tape 8991 and 8992 are particularly suitable for long-term protection. They provide a transparent barrier and are resistant to aggressive solvents which are used to clean a surface and remove graffiti. Only suitable for flat surfaces that don't contain rivets.









3M[™] Primer 94 – 3M[™] VHB[™] Tape Universal Primer UV – 3M[™] VHB[™] Silane Glass Primer

3M Primer 94 and 3M VHB Tape Universal Primer UV are used for surface preparations. Molti materiali, soprattutto i materiali plastici, risultano estremamente difficili da incollare perché hanno una "bassa energia superficiale" e l'adesivo fatica a trovare la giusta adesione. They're suitable for powder-coated metals and low surface energy plastics, flexible PVC, difficult plastics, glass and wood.

Due to the hydrophilic nature of glass, bonding with 3M VHB Tapes adhesive could be damaged by the penetration of moisture between the glass and the adhesive, especially in applications where there's high humidity or frequent contact with water. The moisture weakens the fixing and may cause the adhesive to detach from the glass. To counteract this effect in these types of applications, it's essential to use 3M VHB Silane Glass Primer to prepare the glass for bonding.





Doors and windows market / Wooden windows

Paint Application











3M[™] Masking Tape 201E – Scotch[®] Performance Masking Tape 244

3M Masking Tape 201E is a white single-sided masking tape with resin-rubber adhesive. It withstands temperatures up to 80°C for 1 hour.

Scotch® Performance Masking Tape 244 is a masking paper tape made with smooth kraft paper backing and acrylic adhesive. The adhesive is characterised by low film thickness and low adhesiveness, for masking up to 100 °C for 1 hour. This tape creates an excellent paint line and has excellent removability. It's ideal for masking in indoor and outdoor environments and is UV resistant up to 7 days.





Doors and windows market / Wooden windows

Assembling











3M[™] VHB[™] Tape 4941, 4956 and 4947

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.









3M[™] VHB[™] Tape 4941, 4956 and 4947

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3M[™] Scotch-Weld[™] PUR Easy 250 Adhesive – 3M[™] Scotch-Weld[™] TS230 – 3M[™] Jet-Melt[™] Adhesive – 3M[™] Scotch-Weld[™] Structural Adhesives

3M Scotch-Weld PUR Easy 250 Adhesive series is extremely versatile and suitable for bonding various materials. Available in different types, it offers a better response to the user's application needs, especially in terms of open time and speed.

3M Scotch-Weld TS230 is a one-component, 100 % solid, moisture-curing, reactive polyurethane, structural adhesive for bonding wood and plastic. It's a sprayable and extrudable adhesive that lasts a long time open. It's suitable for wood, plastic and a combination of materials, such as aluminium or glass with plastic or wood.

3M Jet-Melt Adhesive is a temperature triggered solvent-free product that becomes liquid when heated. It's applied hot, when it starts to cool it firmly bonds. Suitable for materials such as wood, plastics, expanded polystyrene, foams, paper and cardboard.

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.













Doors and windows market / Wooden windows

Finish











3M[™] VHB[™] Tape 4941, 4956 and 4947

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.









3M[™] VHB[™] Tape 4941, 4956 and 4947 – 3M[™] Scotch-Weld[™] TS230 – 3M[™] Scotch-Weld[™] Structural Adhesives

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

3M Scotch-Weld TS230 is a one-component, 100 % solid, moisture-curing, reactive polyurethane, structural adhesive for bonding wood and plastic. It's a sprayable and extrudable adhesive that lasts a long time open. It's suitable for wood, plastic and a combination of materials, such as aluminium or glass with plastic or wood.

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.















3M[™] VHB[™] Tape 5925, 5952 and 4910 – 3M[™] Scotch-Weld[™] Structural Adhesives

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.











3M[™] Polyester Label Material 7871EJ and 7872EJ

In the field of permanent labelling, there are various possible combinations of adhesives: front, surface treatments and liners. These allow the creation of multiple labelling solutions to best meet the customer's needs. 3M, a manufacturer of label materials, already has a wide range of UL/cUL certified materials to support its commercial partners. The 3M range of materials allow the possibility of obtaining more efficient, effective and aesthetically pleasing labels. Most 3M label materials are available in reels for printing with traditional systems and in sheets for screen printing. The sheet versions also allow the production of resin labels.









3M[™] Clear Polyester Label FM1542 – 3M[™] Removable Label Materials FM01972 and FV016402

For removable labelling, 3M has created products that offer the best solutions for different needs. The 3M range of materials allow the possibility of obtaining more efficient, effective and aesthetically pleasing labels. Most 3M label materials are available in reels for printing with traditional systems.





Doors and windows market / Wooden windows

Transport and storage









3M[™] Strapping Tape 6876

3M Strapping Tape 6876 is a blue, polypropylene coated with a pressure-sensitive rubber adhesive, clean removal tape with tensile support. It's particularly suitable for securing.







3M[™] Super 77[™] Multipurpose Spray Adhesive

3M Super 77 Multipurpose Spray Adhesive is a fast and clear, extremely versatile spray adhesive that fixes a wide range of lightweight materials. Its aggressive grip offers a high initial hold and sufficient exposure time to position the materials correctly.









Scotch® Filament Tape

Scotch® Filament Tape is a reinforced polypropylene tape with solvent-free adhesive. Its strength makes it particularly suitable for packaging operations.





Doors and windows market / PVC windows

Surface preparation









3M[™] VHB[™] Surface Cleaner

3M VHB Surface Cleaner IS an isopropyl alcohol based liquid cleaner. It cleans and degreases to ensure optimum adhesion for 3M™ VHB™ Tapes. The adhesive strength of a tape can be influenced by various factors, such as the types of materials it's stuck to, their porosity or roughness, the application temperature and their cleaning.

Note: For correct bonding it's necessary to thoroughly clean surfaces using the surface cleaner and wiping with a cloth in one direction to avoid spreading dirt.









3M[™] Polyester Tape 8991 and 8992

3M Polyester Tape 8991 and 8992 are particularly suitable for long-term protection. They provide a transparent barrier and are resistant to aggressive solvents which are used to clean a surface and remove graffiti. Only suitable for flat surfaces that don't contain rivets.









3M[™] Primer 94 – 3M[™] Scotchmount[™] Primer 4297

3M Primer 94 is used for surface preparations. Molti materiali, soprattutto i materiali plastici, risultano estremamente difficili da incollare perché hanno una "bassa energia superficiale" e l'adesivo fatica a trovare la giusta adesione. It's suitable for powder-coated metals and low surface energy plastics, flexible PVC, difficult plastics, glass and wood.

3M Scotchmount Primer 4297 is a product suitable for materials such as PVC and SBR. It ensures good adhesion of double-sided foams on a wide range of plastics.





Doors and windows market / PVC windows

Paint Application









3M[™] Masking Tape 201E – Scotch[®] Performance Masking Tape 244

3M Masking Tape 201E is a white single-sided masking tape with resin-rubber adhesive. It withstands temperatures up to 80°C for 1 hour.

Scotch® Performance Masking Tape 244 is a masking paper tape made with smooth kraft paper backing and acrylic adhesive. The adhesive is characterised by low film thickness and low adhesiveness, for masking up to 100 °C for 1 hour. This tape creates an excellent paint line and has excellent removability. It's ideal for masking in indoor and outdoor environments and is UV resistant up to 7 days.





Doors and windows market / PVC windows

Assembling









3M[™] VHB[™] Tape 4941, 4956 and 4947

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.









3M[™] VHB[™] Tape 4941, 4956 and 4947

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.








3M[™] VHB[™] Tape Series – 3M[™] Scotch-Weld[™] Acrylic Adhesive DP8405NS

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.





Doors and windows market / PVC windows

Finish









3M[™] VHB[™] Tape 4941, 4956 and 4947

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.









3M[™] VHB[™] Tape 4941, 4956 and 4947 – 3M[™] Scotch-Weld[™] Acrylic Adhesive **DP8405NS**

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.













3M[™] VHB[™] Tape 5925, 5952 and 4910 – 3M[™] Scotch-Weld[™] Structural Adhesives

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.











3M[™] Polyester Label Material 7860EH and 7813EH

In the field of permanent labelling, there are various possible combinations of adhesives: front, surface treatments and liners. These allow the creation of multiple labelling solutions to best meet the customer's needs. 3M, a manufacturer of label materials, already has a wide range of UL/cUL certified materials to support its commercial partners. The 3M range of materials allow the possibility of obtaining more efficient, effective and aesthetically pleasing labels. Most 3M label materials are available in reels for printing with traditional systems and in sheets for screen printing. The sheet versions also allow the production of resin labels.









3M[™] Clear Polyester Label FM1542 – 3M[™] Removable Label Materials FM01972 and FV016402

For removable labelling, 3M has created products that offer the best solutions for different needs. The 3M range of materials allow the possibility of obtaining more efficient, effective and aesthetically pleasing labels. Most 3M label materials are available in reels for printing with traditional systems.





Doors and windows market / PVC windows

Transport and storage









3M[™] Strapping Tape 6876

3M Strapping Tape 6876 is a blue, polypropylene coated with a pressure-sensitive rubber adhesive, clean removal tape with tensile support. It's particularly suitable for securing.







3M[™] Super 77[™] Multipurpose Spray Adhesive

3M Super 77 Multipurpose Spray Adhesive is a fast and clear, extremely versatile spray adhesive that fixes a wide range of lightweight materials. Its aggressive grip offers a high initial hold and sufficient exposure time to position the materials correctly.









Scotch® Filament Tape

Scotch® Filament Tape is a reinforced polypropylene tape with solvent-free adhesive. Its strength makes it particularly suitable for packaging operations.





Doors and windows market / Aluminum windows

Surface preparation









3M[™] VHB[™] Surface Cleaner

3M VHB Surface Cleaner IS an isopropyl alcohol based liquid cleaner. It cleans and degreases to ensure optimum adhesion for 3M[™] VHB[™] Tapes. The adhesive strength of a tape can be influenced by various factors, such as the types of materials it's stuck to, their porosity or roughness, the application temperature and their cleaning.

Note: For correct bonding it's necessary to thoroughly clean surfaces using the surface cleaner and wiping with a cloth in one direction to avoid spreading dirt.





3





3M[™] Polyester Tape 8991 and 8992

3M Polyester Tape 8991 and 8992 are particularly suitable for long-term protection. They provide a transparent barrier and are resistant to aggressive solvents which are used to clean a surface and remove graffiti. Only suitable for flat surfaces that don't contain rivets.









3M[™] Primer 94 – 3M[™] VHB[™] Tape Universal Primer UV – 3M[™] VHB[™] Silane Glass Primer

3M Primer 94 and 3M VHB Tape Universal Primer UV are used for surface preparations. Molti materiali, soprattutto i materiali plastici, risultano estremamente difficili da incollare perché hanno una "bassa energia superficiale" e l'adesivo fatica a trovare la giusta adesione. They're suitable for powder-coated metals and low surface energy plastics, flexible PVC, difficult plastics, glass and wood.

Due to the hydrophilic nature of glass, bonding with 3M VHB Tapes adhesive could be damaged by the penetration of moisture between the glass and the adhesive, especially in applications where there's high humidity or frequent contact with water. The moisture weakens the fixing and may cause the adhesive to detach from the glass. To counteract this effect in these types of applications, it's essential to use 3M VHB Silane Glass Primer to prepare the glass for bonding.





Doors and windows market / Aluminum windows

Paint Application









3M[™] Polyester Tape 8991 and 8992 – 3M[™] Specialty High Temperature Masking Tape 501 – 3M[™] Electroplating Tape 470

3M Polyester Tape 8991 and 8992 are particularly suitable for long-term protection. They provide a transparent barrier and are resistant to aggressive solvents which are used to clean a surface and remove graffiti. They're particularly suitable for masking activities before painting. Only suitable for flat surfaces that don't contain rivets

3M Specialty High Temperature Masking Tape 501 resists up to 160 °C. It leaves no residue when removed and resists solvents and humidity.

3M Electroplating Tape 470 has a vinyl backing pigmented with a rubber resin adhesive. It has excellent abrasion resistance and is ideal for masking in electroplating processes.







Doors and windows market / Aluminum windows

Assembling









3M[™] VHB[™] Tape 4941, 4956 and 4947

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.









3M[™] VHB[™] Tape 4941, 4956 and 4947

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

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3M[™] Scotch-Weld[™] Acrylic Adhesive DP8405NS and DP8407NS

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.





Finish









3M[™] VHB[™] Tape 4941, 4956 and 4947

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.









3M[™] VHB[™] Tape 4941, 4956 and 4947 – 3M[™] Scotch-Weld[™] Acrylic Adhesive **DP8405NS and DP8407NS**

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.













3M[™] VHB[™] Tape 5925, 5952 and 4910 – 3M[™] Scotch-Weld[™] Structural Adhesives

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.











3M[™] Polyester Label Material 7871EJ and 7872EJ for powder-coated aluminium 3M[™] Thermal Transfer Label Materials 7816EH and 7808E for unpainted aluminium

In the field of permanent labelling, there are various possible combinations of adhesives: front, surface treatments and liners. These allow the creation of multiple labelling solutions to best meet the customer's needs. 3M, a manufacturer of label materials, already has a wide range of UL/cUL certified materials to support its commercial partners. The 3M range of materials allow the possibility of obtaining more efficient, effective and aesthetically pleasing labels. Most 3M label materials are available in reels for printing with traditional systems and in sheets for screen printing. The sheet versions also allow the production of resin labels.







3M[™] Clear Polyester Label FM1542 – 3M[™] Removable Label Materials FM01972 and FV016402

For removable labelling, 3M has created products that offer the best solutions for different needs. The 3M range of materials allow the possibility of obtaining more efficient, effective and aesthetically pleasing labels. Most 3M label materials are available in reels for printing with traditional systems.





Doors and windows market / Aluminum windows

Transport and storage









3M[™] Strapping Tape 6876

3M Strapping Tape 6876 is a blue, polypropylene coated with a pressure-sensitive rubber adhesive, clean removal tape with tensile support. It's particularly suitable for securing.







3M[™] Super 77[™] Multipurpose Spray Adhesive

3M Super 77 Multipurpose Spray Adhesive is a fast and clear, extremely versatile spray adhesive that fixes a wide range of lightweight materials. Its aggressive grip offers a high initial hold and sufficient exposure time to position the materials correctly.









Scotch® Filament Tape

Scotch® Filament Tape is a reinforced polypropylene tape with solvent-free adhesive. Its strength makes it particularly suitable for packaging operations.





Doors and windows market / Interior armored doors

Surface preparation











3M[™] VHB[™] Surface Cleaner – 3M[™] Industrial Cleaner

3M VHB Surface Cleaner is an isopropyl alcohol based liquid cleaner. It cleans and degreases to ensure optimum adhesion for 3M[™] VHB[™] Tapes. The adhesive strength of a tape can be influenced by various factors, such as the types of materials it's stuck to, their porosity or roughness, the application temperature and their cleaning.

3M Industrial Cleaner is a spray cleaner capable of dissolving and removing dirt, grease, tar and glue residue. It's based on citrus oil and can be rinsed with water. It doesn't contain petroleum distillates











3M[™] Polyester Tape 8991 and 8992

3M Polyester Tape 8991 and 8992 are particularly suitable for long-term protection. They provide a transparent barrier and are resistant to aggressive solvents which are used to clean a surface and remove graffiti. Only suitable for flat surfaces that don't contain rivets.











3M[™] Primer 94 – 3M[™] VHB[™] Tape Universal Primer UV – 3M[™] VHB[™] Silane Glass Primer – 3M[™] All Purpose Sealant Primer P591

3M Primer 94 and 3M VHB Tape Universal Primer UV are used for surface preparations. Molti materiali, soprattutto i materiali plastici, risultano estremamente difficili da incollare perché hanno una "bassa energia superficiale" e l'adesivo fatica a trovare la giusta adesione. They're suitable for powder-coated metals and low surface energy plastics, flexible PVC, difficult plastics, glass and wood.

Due to the hydrophilic nature of glass, bonding with 3M VHB Tapes adhesive could be damaged by the penetration of moisture between the glass and the adhesive, especially in applications where there's high humidity or frequent contact with water. The moisture weakens the fixing and may cause the adhesive to detach from the glass. To counteract this effect in these types of applications, it's essential to use 3M VHB Silane Glass Primer to prepare the glass for bonding.

3M All Purpose Sealant Primer P591 is ideal for PMMA plastics and can be applied to a wide range of surfaces such as glass, polycarbonate and acrylic.







Doors and windows market / Interior armored doors

Paint Application










3M[™] Polyester Tape 8991 and 8992 – 3M[™] Specialty High Temperature Masking Tape 501 – Scotch® Performance Masking Tape 244

3M Polyester Tape 8991 and 8992 are particularly suitable for long-term protection. They provide a transparent barrier and are resistant to aggressive solvents which are used to clean a surface and remove graffiti. They're particularly suitable for masking activities before painting. Only suitable for flat surfaces that don't contain rivets.

3M Specialty High Temperature Masking Tape 501 resists up to 160 °C. It leaves no residue when removed and resists solvents and humidity.

Scotch® Performance Masking Tape 244 is a masking paper tape made with smooth kraft paper backing and acrylic adhesive. The adhesive is characterised by low film thickness and low adhesiveness, for masking up to 100 °C for 1 hour. This tape creates an excellent paint line and has excellent removability. It's ideal for masking in indoor and outdoor environments and is UV resistant up to 7 days.





Assembling













3M[™] Scotch-Weld[™] Structural Adhesives – 3M[™] Super 77[™] Multipurpose Spray Adhesive

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.

3M Spray Adhesives are formulated specifically for the industrial sector. They guarantee excellent adhesion and ideal setting times, and fast and clean bonding.

3M Super 77 Multipurpose Spray Adhesive is a fast and clear, extremely versatile spray adhesive that fixes a wide range of lightweight materials. Its aggressive grip offers a high initial hold and sufficient exposure time to position the materials correctly.











3M[™] Scotch-Weld[™] Low Odor Acrylic Adhesive DP8810NS – 3M[™] Scotch-Weld[™] Metal Bonder Acrylic Adhesive DP8407NS – 3M[™] Adhesive Sealant 760 UV

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.

3M Adhesive Sealant 760 UV is an isocyanate-free, one-component, moisture-curing sealant adhesive that allows the creation of a permanent elastic joint. It has excellent performance on a wide range of substrates and is suitable for industrial use. It can be used to glue or caulk many different materials, such as cement, wood, aluminium, painted metals, polyester, glass, stone and ceramics.











3M[™] VHB[™] Tape 4941, 4950 and 4947

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses.

3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.





Finish











3M[™] VHB[™] Tape 4941 – 3M[™] Scotch-Weld[™] TS230 – 3M[™] Adhesive Sealant 760 UV

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses. 3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

3M Scotch-Weld TS230 is a one-component, 100 % solid, moisture-curing, reactive polyurethane, structural adhesive for bonding wood and plastic. 3M Scotch-Weld[™] TS230 is a sprayable and extrudable adhesive that lasts a long time open and studied for wood, plastic, and combinations of materials, such as aluminum or glass with plastic or wood.

3M Adhesive Sealant 760 UV is an isocyanate-free, one-component, moisture-curing sealant adhesive that allows the creation of a permanent elastic joint. It has excellent performance on a wide range of substrates and is suitable for industrial use. It can be used to glue or caulk many different materials, such as cement, wood, aluminium, painted metals, polyester, glass, stone and ceramics.

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.









3M[™] Polyester Label Material 7871EJ and 7872EJ

In the field of permanent labelling, there are various possible combinations of adhesives: front, surface treatments and liners. These allow the creation of multiple labelling solutions to best meet the customer's needs. 3M, a manufacturer of label materials, already has a wide range of UL/cUL certified materials to support its commercial partners. The 3M range of materials allow the possibility of obtaining more efficient, effective and aesthetically pleasing labels. Most 3M label materials are available in reels for printing with traditional systems and in sheets for screen printing. The sheet versions also allow the production of resin labels.





Doors and windows market / Interior armored doors

Transport and storage









3M[™] Strapping Tape 6876

3M Strapping Tape 6876 is a blue, polypropylene coated with a pressure-sensitive rubber adhesive, clean removal tape with tensile support. It's particularly suitable for securing.







3M[™] Super 77[™] Multipurpose Spray Adhesive

3M Super 77 Multipurpose Spray Adhesive is a fast and clear, extremely versatile spray adhesive that fixes a wide range of lightweight materials. Its aggressive grip offers a high initial hold and sufficient exposure time to position the materials correctly.









Scotch® Filament Tape

Scotch® Filament Tape is a reinforced polypropylene tape with solvent-free adhesive. Its strength makes it particularly suitable for packaging operations.





Doors and windows market / Entrance doors

Surface preparation









3M[™] VHB[™] Surface Cleaner – 3M[™] Industrial Cleaner

3M VHB Surface Cleaner is an isopropyl alcohol based liquid cleaner. It cleans and degreases to ensure optimum adhesion for 3M[™] VHB[™] Tapes. The adhesive strength of a tape can be influenced by various factors, such as the types of materials it's stuck to, their porosity or roughness, the application temperature and their cleaning.

3M Industrial Cleaner is a spray cleaner capable of dissolving and removing dirt, grease, tar and glue residue. It's based on citrus oil and can be rinsed with water. It doesn't contain petroleum distillates









3M[™] Primer 94 – 3M[™] VHB[™] Tape Universal Primer UV – 3M[™] VHB[™] Silane Glass Primer – 3M[™] All Purpose Sealant Primer P591

3M Primer 94 and 3M VHB Tape Universal Primer UV are used for surface preparations. Molti materiali, soprattutto i materiali plastici, risultano estremamente difficili da incollare perché hanno una "bassa energia" superficiale" e l'adesivo fatica a trovare la giusta adesione. They're suitable for powder-coated metals and low surface energy plastics, flexible PVC, difficult plastics, glass and wood.

Due to the hydrophilic nature of glass, bonding with 3M VHB Tapes adhesive could be damaged by the penetration of moisture between the glass and the adhesive, especially in applications where there's high humidity or frequent contact with water. The moisture weakens the fixing and may cause the adhesive to detach from the glass. To counteract this effect in these types of applications, it's essential to use 3M VHB Silane Glass Primer to prepare the glass for bonding.

3M All Purpose Sealant Primer P591 is ideal for PMMA plastics and can be applied to a wide range of surfaces such as glass, polycarbonate and acrylic.







Doors and windows market / Entrance doors

Paint Application









3M[™] Polyester Tape 8991 and 8992 – 3M[™] Specialty High Temperature Masking Tape 501 – Scotch® Performance Masking Tape 244

3M Polyester Tape 8991 and 8992 are particularly suitable for long-term protection. They provide a transparent barrier and are resistant to aggressive solvents which are used to clean a surface and remove graffiti. Suitable only for flat surfaces, without rivets, they are particularly suitable for masking activities before painting.

3M Specialty High Temperature Masking Tape 501 resists up to 160 °C. It leaves no residue when removed and resists solvents and humidity.

Scotch® Performance Masking Tape 244 is a masking paper tape made with smooth kraft paper backing and acrylic adhesive. The adhesive is characterised by low film thickness and low adhesiveness, for masking up to 100 °C for 1 hour. This tape creates an excellent paint line and has excellent removability. It's ideal for masking in indoor and outdoor environments and is UV resistant up to 7 days.





Doors and windows market / Entrance doors

Assembling











3M[™] Scotch-Weld[™] Structural Adhesives – 3M[™] Super 77[™] Multipurpose Spray Adhesive

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.

3M Spray Adhesives are formulated specifically for the industrial sector. They guarantee excellent adhesion and ideal setting times, and fast and clean bonding.

3M Super 77 Multipurpose Spray Adhesive is a fast and clear, extremely versatile spray adhesive that fixes a wide range of lightweight materials. Its aggressive grip offers a high initial hold and sufficient exposure time to position the materials correctly.









3M[™] Scotch-Weld[™] Low Odor Acrylic Adhesive DP8810NS – 3M[™] Scotch-Weld[™] Metal Bonder Acrylic Adhesive DP8407NS – 3M[™] Adhesive Sealant 760 UV

3M Scotch-Weld Structural Adhesives represent the best alternative to traditional mechanical fixing systems. They bond well and have excellent performance that lasts generations on materials like plastics, composites and glass. They also work on dissimilar materials that require the use of flexible fixing systems, capable of compensating for different thermal expansion coefficients.

3M Adhesive Sealant 760 UV is an isocyanate-free, one-component, moisture-curing sealant adhesive that allows the creation of a permanent elastic joint. It has excellent performance on a wide range of substrates and is suitable for industrial use. It can be used to glue or caulk many different materials, such as cement, wood, aluminium, painted metals, polyester, glass, stone and ceramics.









3M[™] VHB[™] Tape 4941, 4950 and 4947 – 3M[™] Adhesive Sealant 760 UV

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses. 3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

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3M[™] VHB[™] Tape 4941, 4950 and 4947 – 3M[™] Adhesive Sealant 760 UV – 3M[™] Scotch-Weld[™] TS230

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3M Scotch-Weld TS230 is a one-component, 100 % solid, moisture-curing, reactive polyurethane, structural adhesive for bonding wood and plastic. It's a sprayable and extrudable adhesive that lasts a long time open. It's suitable for wood, plastic and a combination of materials, such as aluminium or glass with plastic or wood.















3M[™] VHB[™] Tape 4941, 4950, 4947 and 4910 – 3M[™] Adhesive Sealant 760 UV – 3M[™] Scotch-Weld[™] TS230

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses. 3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

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Doors and windows market / Entrance doors

Finish









3M[™] VHB[™] Tape 4941 and 5925 – 3M[™] Scotch-Weld[™] TS230 – 3M[™] Adhesive Sealant 760 UV – 3M[™] Scotch-Weld[™] Acrylic Adhesive DP8405NS and DP8407NS

3M VHB (Very High Bond) double-sided adhesive tapes consist of a reticulated acrylic mass with closed cells and are characterised by high conformability. The viscoelastic nature of these tapes guarantees damping of vibrations and of fatigue stresses. 3M VHB Acrylic Foam Tape allows permanent application and have high temperature and UV resistance. It's reliable, offering greater durability and quality compared to many other fixing and assembly methods. It ensures permanent sealing and waterproofing against humidity and most solvents, and is ideal for indoor and outdoor applications.

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3M Adhesive Sealant 760 UV is an isocyanate-free, one-component, moisture-curing sealant adhesive that allows the creation of a permanent elastic joint. It has excellent performance on a wide range of substrates and is suitable for industrial use. It can be used to glue or caulk many different materials, such as cement, wood, aluminium, painted metals, polyester, glass, stone and ceramics.

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3M[™] ScotchCal[™] Graphic Film Material 3690E and 3698E

3M ScotchCal Graphic Film Materials are particularly suitable for producing identification labels for outdoor use. Extremely conformable, resistant to atmospheric agents and ultraviolet (UV) rays, these materials allow the creation of more efficient, effective and aesthetically pleasing labels.





Doors and windows market / Entrance doors

Transport and storage









3M[™] Strapping Tape 6876

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3M[™] Super 77[™] Multipurpose Spray Adhesive

3M Super 77 Multipurpose Spray Adhesive is a fast and clear, extremely versatile spray adhesive that fixes a wide range of lightweight materials. Its aggressive grip offers a high initial hold and sufficient exposure time to position the materials correctly.









Scotch® Filament Tape

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