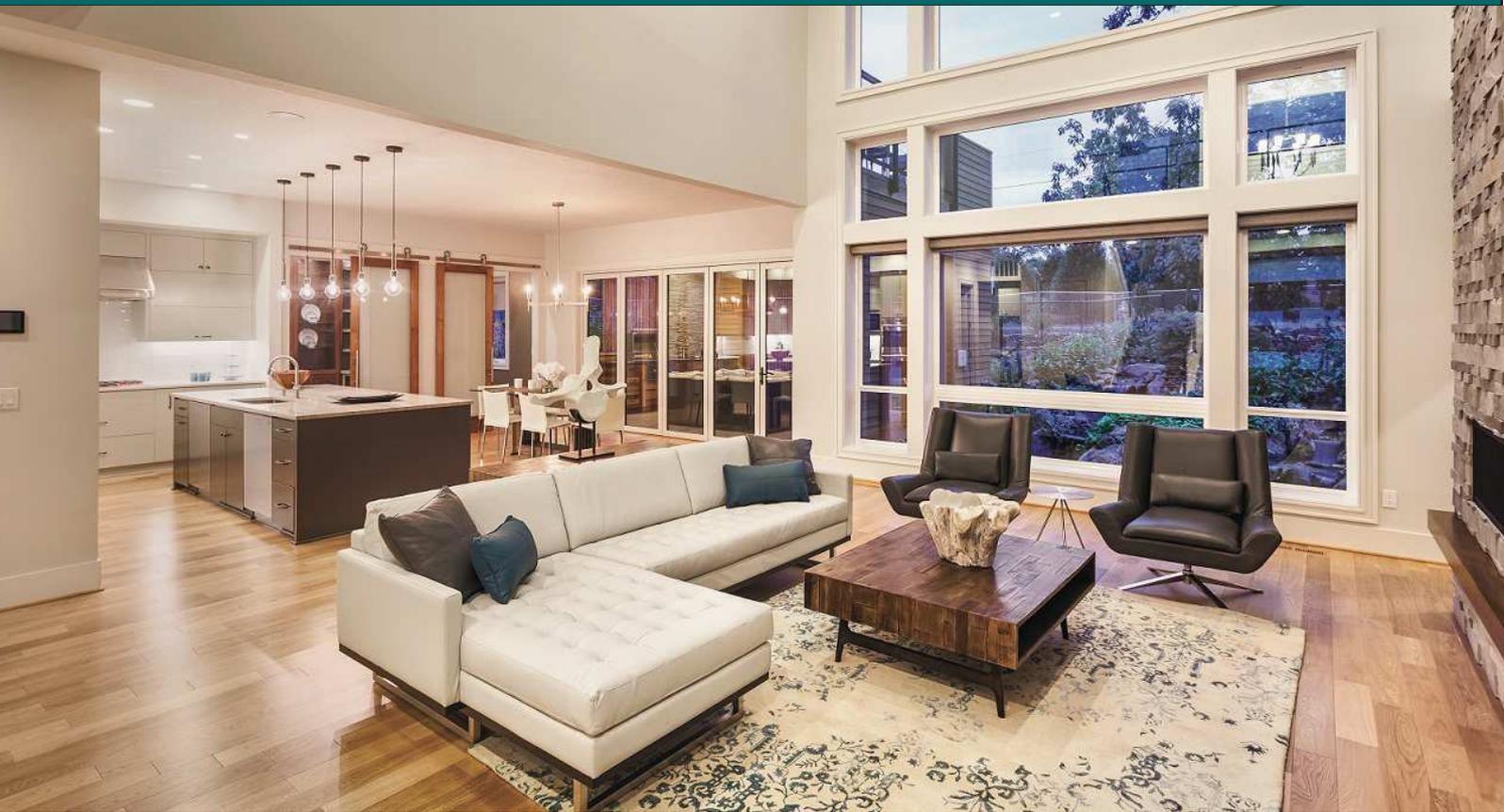


# Adhesive solutions for the furniture industry





The furniture industry, lead by the latest market trends and by the fashion tendencies, must necessarily and quickly follow the consumers' changes of tastes.

The interior design is more and more sophisticated and there is an increasing attention to details and to finishing. Our range of adhesive solutions – which includes either double-sided and single-sided adhesive tapes and liquid adhesives and open-close systems – allows the manufacturers to reach the highest qualitative levels as for the aesthetics and finishing. Moreover, our products grant solid bondings on new and different materials, giving to industries the possibility to change easily the design of their creations.

Our wide portfolio of special products allows us to offer:

- invisible bondings – no mechanical fixing is requested,
- save of time – the use of adhesive tapes does not require a curing time as a matter of fact,
- save of waste – the products can be supplied in customized shapes to respond to specific needs,
- mounting of mirrors of any size and format using special double-sided adhesive foams,
- a wide choice of solutions selected with accuracy according to our long experience,
- the possibility to be updated with the most innovative tendencies about the furniture industry.

## Double-sided adhesive tapes

PRODUCT	DESCRIPTION	APPLICATIONS
9502	Adhesive transfer tape. It is an economical solution for a variety of general bonding applications of metals, painted metals and high surface energy plastics. Thickness 60 µ.	Lamination of metal sheets onto MDF tops.
950	Modified acrylic adhesive transfer tape. It provides high adhesion and good shear resistance on a wide range of materials, including many plastics. Thickness 127 µ.	Lamination of fabrics or leather onto MDF tops.
MP4412F	Modified solvent base acrylic PET double-sided adhesive tape. Red PP liner. Excellent UV, temperature, chemicals, solvents and humidity resistance. Thickness 210 µ.	Ideal for attaching decorative profiles.
Orafol 1810	White, closed cell, double-sided adhesive PE foam tape. Solvent pure acrylic. Blue paper liner. It is resistant to extreme temperatures and plasticisers as well as it is inert towards different lacquers for mirrors. Thickness 1.0 mm.	Used for the installation of mirrors in the furniture and sanitary industry. The recommended amount of applied adhesive area per 1 kg mirror weight is 60 cm <sup>2</sup> .
Orafol 1815	White, closed cell, double-sided adhesive PE foam tape. Solvent pure acrylic. Blue paper liner. It is resistant to extreme temperatures and plasticisers as well as it is inert towards different lacquers for mirrors. Thickness 1.6 mm.	Used for the installation of mirrors in the furniture and sanitary industry. The recommended amount of applied adhesive area per 1 kg mirror weight is 60 cm <sup>2</sup> .
VHB™ 4646F	Dark grey double-coated acrylic foam tape with high initial adhesion. Red PE liner. Its excellent temperature performance enables bonding of materials prior to processing in a powder coating line. Thickness 0.64 mm.	Bonding of aluminium profiles onto cabinet wooden drawers.



## Double-sided adhesive tapes

PRODUCT	DESCRIPTION	APPLICATIONS
AFT 1220	Clear and conformable double-sided acrylic foam tape, suitable to bond transparent materials or whereas an invisible bonding line is required. Its tensile strength, shear and peel adhesion are lower than other acrylic foam tapes, due to the inherent softness of its adhesive. Thickness is 0.50 mm.	Bonding of aluminium sliding door frames, bonding of hinges and gaskets, structural fixing of accessories or handles.
AFT 1260	Clear and conformable double-sided acrylic foam tape, suitable to bond transparent materials or whereas an invisible bonding line is required. Its tensile strength, shear and peel adhesion are lower than other acrylic foam tapes, due to the inherent softness of its adhesive. Thickness is 1.00 mm.	Aluminium/glass bonding on doors, structural fixing of accessories or handles, bonding of transparent glass onto metal supports (e.g. table tops).
VHB™ 4912F	White double-sided acrylic foam tape with excellent long term holding power. Red PE liner. Peel adhesion and tensile strength significantly higher than typical PSA tapes. Good resistance to solvents, temperature and UV. Thickness is 2.0 mm.	Assembly of screen-printed glass on aluminium anodised profiles.
VHB™ 4919F	Black double-sided acrylic foam tape. Red PE liner. Its high conformability increases contact with the surfaces making it suitable for fixing on a wide range of materials. Thickness 0.64 mm.	Assembly of aluminium frames of glass sliding doors.
VHB™ 4936	Conformable, grey double-sided acrylic foam tape with good adhesion on plasticized pvc. 3M™ paper liner. Suitable for coatings and primers. Its high conformability increases contact with rigid or rough surfaces. Peel adhesion and tensile strength slightly lower than other traditional VHB™ tapes. Can be used indoor and outdoor. Thickness is 0.64 mm.	Bonding of hinges and gaskets, fixing of logos, assembly of aluminium frames of glass sliding doors.
VHB™ 4941	Conformable, grey double-sided acrylic foam tape with good adhesion on plasticized pvc. 3M™ paper liner. Suitable for coatings and primers. Its high conformability increases contact with rigid or rough surfaces. Peel adhesion and tensile strength slightly lower than other traditional VHB™ tapes. Can be used indoor and outdoor. Thickness is 1.10 mm.	Bonding glass/wood, bonding of aluminium profiles onto glass, assembly of screen-printed glasses on aluminium anodised profiles, fixing of decorative elements onto glasses, bonding of logos, hinges, gaskets and structural fixing of accessories. Bonding of powder-coated panels onto steel plates.
VHB™ 4947F	Black conformable and high adhesion double-sided acrylic foam tape. Red PE liner. Suitable for glass (primer is required) and for rough surfaces. Thickness is 1.1 mm.	Bonding glass/wood, bonding of primed wood, anodised aluminium and PVC and assembly of window fixtures with Georgian bars.
VHB™ 4950	White firm double-sided acrylic foam tape with high bond strength and long-term durability. 3M™ paper liner. Peel adhesion and tensile strength significantly higher than typical PSA tapes. Can be used outdoor and indoor. Good chemical, solvent and UV resistance. Thickness is 1.1 mm.	Bonding of aluminium profiles onto wood, bonding aluminium/glass and glass/wood.



## Double-sided adhesive tapes

PRODUCT	DESCRIPTION	APPLICATIONS
VHB™ 4956	White conformable acrylic foam tape with high adhesion on plasticized PVC. 3M™ paper liner. Suitable for coatings and primers. Its high conformability increases contact with rigid or rough surfaces. Peel adhesion and tensile strength slightly lower than other traditional VHB™ tapes. Can be used indoor and outdoor. Thickness is 1.10 mm.	Assembly of screen-printed glasses onto anodised aluminium profiles and bonding of powder-coated panels on steel plates.
VHB™ 5925F	Black conformable acrylic foam tape with high bond strength and long-term durability. Red PE liner. It bonds to a wide variety of LSE substrates including powder-coated materials and many plastics. In many cases, surface abrasion is not necessary. Thickness is 0.64 mm.	Bonding of decorative elements on metals, wood and glass. Assembly between aluminium and glass. Bonding of powder-coated frameworks on laminates/woods/glass for desks. Metal components fixing.
VHB™ 5952F	Black conformable acrylic foam tape with high bond strength and long-term durability. Red PE liner. It bonds to a wide variety of LSE substrates including powder-coated materials and many plastics. In many cases, surface abrasion is not necessary. Thickness is 1.11 mm.	Bonding of decorative elements on metal, wood and glass. Assembly between aluminium and glass.

## Single-sided adhesive tapes

PRODUCT	DESCRIPTION	APPLICATIONS
64284	Medium duty tensilised blue polypropylene strapping tape with a natural rubber adhesive system. Clean removal. Thickness is 110 µ.	Fixing of semi-finished goods during bonding processes.
DA80	Aluminium foil adhesive tape. Linerless for an easier and faster use. Acrylic adhesive. Total thickness is 120 µ.	Heat insulation of cook-tops.
SJ 5616	Protective resilient polyurethane adhesive tape with an aggressive acrylic-based, pressure sensitive adhesive. Transparent and yellowing resistant, it can be die-cut to a variety of shapes and sizes. It does not damage surfaces and grants excellent cushioning and abrasion resistance properties.	Drawer dumping, vibration damping between metal and glass, support of glasses onto to metal legs (tables, small tables, etc.).



## Structural liquid adhesives and sealants

PRODUCT	DESCRIPTION	APPLICATIONS
DP110	Translucent two-part epoxy adhesive which cures at room temperature. Supplied in a dual-pack cartridge dispensing system which can be used with the EPXTM applicator.	Bonding of iron legs to chair frames and bonding of wooden seats to metal structures.
DP410	White toughened two-part structural epoxy adhesive. It is designed for use where toughness, high strength and rapid cure are required.	Bonding of iron legs to chair frames.
DP490	High performance two-component epoxy adhesive. For high temperatures; Convenient 2:1 mix ratio by volume - Thixotropic.	Bonding of iron legs to chair frames and bonding of wooden seats to metal structures.
DP8010	Structural two-part, acrylic-based adhesive (10:1 ratio by volume) that can bond many low surface energy plastics.	Bonding of legs and various components of chairs made in polypropylene.
DP8810	High performance low odor two-part acrylic adhesive. Excellent shear, peel, and impact performance. Fast rate of strength build, providing structural strength in minutes.	Bonding of iron legs to chair frames and bonding of wooden seats to metal structures. Bonding aluminium/aluminium.
Jet-Welt™ TS230	One-component, moisture-curing urethane adhesive. It can be sprayed or extruded with a long open time to bond a variety of plastics including polystyrene and polyacrylic.	Bonding of iron legs to chair frames.
PU 760	Hybrid sealant ideal for bonding and seal where a superior mechanical seal is required. It is a single-component, moisture-curing adhesive sealant that offers exceptional UV resistance and long term durability. It withstands temperatures ranging between - 20°C to 100°C and it is cracking resistant. It becomes inert after the curing process which is completed within 24-36 hours.	Bonding glass/wood and aluminium/aluminium.

## Dual Lock™ systems

PRODUCT	DESCRIPTION	APPLICATIONS
SJ 3526 and SJ 3527	Adhesive reclosable fasteners. Coated on the backside with a high performance rubber based pressure sensitive adhesive which allows a very good initial adhesion.	Removable assemblies of seats and backs (sofas, armchairs, etc.).
SJ 3550	Black reclosable fastener. It is flexible and it has got a high capacity of mechanical seal. With VHB™ acrylic adhesive for high performances. Ideal to replace traditional fastening systems. UV and plasticizer resistant. It withstands wet/dry and hot/cold cycles. For all surfaces except polyethylene, polypropylene, cloths, hide, leather and rubber.	Removable assemblies of seats and backs (sofas, armchairs, etc.) and fixing of demountable PU heads of beds onto wooden structures.
SJ 3560	Similar features as SJ 3550 but transparent.	Removable assemblies of seats and backs (sofas, armchairs, etc.) and fixing of demountable PU heads of beds onto wooden structures.

