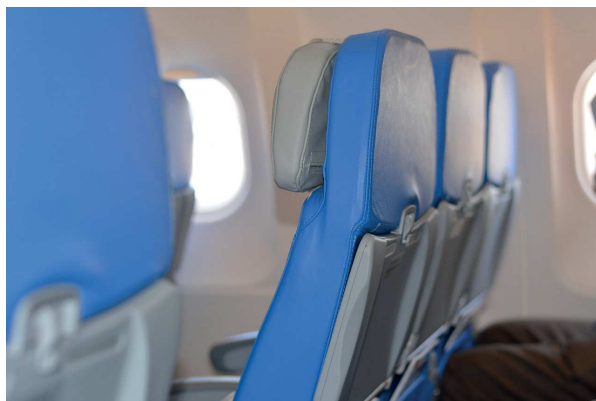


# Adhesive solutions for aerospace industry





BMP can supply ideal solutions for the aviation field, either we deal with production, maintenance or servicing. We have a range of products which includes adhesive tapes and glues developed and made by the most known international producers of our field. We are able to satisfy most of the needs of bonding, fixing and masking. The restricted regulations which rule our field and to which our adhesive materials must respond are the central point of our offer.

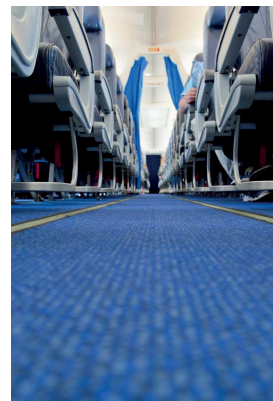
### Structural liquid adhesives

The “Scotch-Weld” brand comes from the conclusions on the researches made in the first fifties in the aviation field. On this basis, it has been demonstrated that the structural resistance of some liquid adhesives was comparable to the weldings. Henceforward, the constant development of 3M has continued to supply solutions with higher and higher performances in the technology for the aviation industry. Underneath you may find a limited selection of the available products.

PRODUCT	DESCRIPTION	APPLICATIONS
3M 2214R - 2214HT	One component, epoxy, thermosetting, adhesives with very high performances. HT version can be use also for high temperatures.	Suitable for bonding of metals, glass and ceramic.
3M 2216B/A	Two components, epoxy, structural adhesive with high flexibility.	Suitable for bonding of metals, rubbers, plastics, glass and ceramic.
3M 9323B/A	Two components, epoxy, structural adhesive with very high performances.	Advised for the bonding of metals and light alloys.
3M DP 490	Thixotropic, epoxy adhesive with high performances, for high temperatures. Mix ratio 2:1.	Suitable for bonding of metals and composite materials.
3M S/W 2000	Two components, polychloroprenic, water based.	For applications double-spray system on different types of materials. Particularly suitable for laminations.

### Double-sided adhesive tapes

PRODOTTO	DESCRIZIONE	APPLICAZIONI
MP11525TH	Acrylic foam, halogen-free, coated with thermal adhesive on a PET carrier. Thickness 0.25mm.	LED assembly, lighting, instrumental panels and displays on metal profiles. Bonding components generating heat to a heat sink. UL® 94 V-0 approved.
TESA 4964	Double-sided cloth adhesive tape. Thickness 0.39mm. Natural rubber adhesive.	Carpet fixing, easy removal for possible replacements of the coverings of artificial floors.
MP4412F	Double-sided PET adhesive tape. Thickness 0.20mm. Modified acrylic adhesive. Red plastic liner.	To bond large areas e.g. plastic or aluminium panels on different materials (smooth and rough).



## Single-sided adhesive tapes

PRODUCT	DESCRIPTION	APPLICATIONS
3M 398 FR	Single-sided glass fiber adhesive tape. Acrylic adhesive. Flame retardant.	Specific for aerospace maintenance.
3M 425	Single-sided aluminium adhesive tape. Total thickness 130µ. Acrylic adhesive. White siliconised paper liner.	Used in masking and sandblasting operations. Excellent sealant. Flame resistant. Either for indoor and outdoor areas.
3M 471	Single-sided vinyl film adhesive tape. Thickness 0.13mm. Resin rubber adhesive.	Used for decoration, signage and galvanizing.
3M 472	Single-sided vinyl film adhesive tape. Thickness 0.25mm. Resin rubber adhesive.	Used for decoration, signage and galvanizing.
Scapa 2702	Single-sided pvc adhesive tape. Thickness 0.13mm. Resin rubber adhesive. Self-extinguishing.	For electrical insulation, protection of joints of low and medium electrical wires, harnessing or identification. BMS5-179 and BS3924 approved.
3M 855	Single-sided nylon adhesive tape. Thickness 0.09mm. Special resin rubber adhesive.	Used for high temperature masking operations (up to 204 °C). "Flash tape".
3M 8901	Single-sided blue PET adhesive tape. Thickness 0.50mm. Silicone adhesive.	"Flash tape": temporary fixing of plastic films during the vacuum production of compound materials.
INTERTAPE	Single-sided green PET adhesive tape. Thickness 0.08mm. Silicone adhesive.	Used for high temperature masking operations (up to 204 °C). "Flash tape".
Scapa 4929	Single-sided PET adhesive tape. Acrylic adhesive. Black on the liner side and white on the open side. Flame retardant.	Carpet and floor fixing for aircrafts. FAR 25.853(a) approved.
Scapa T3601	Single-sided cloth tape. Rubber adhesive. Linerless. Its back is FAR 25.853 printed.	Several applications inside aircrafts: cable fixing, joints, temporary fixings. FAR 25.853(a) approved.
3M 8671HS	Single-sided PU adhesive tape. Acrylic adhesive UV resistant. Thickness 0.35mm. Protected by an easy-peelable paper liner.	Used as an anti-erosion protection of the propellers, engines, de-icing systems and the rotors of helicopters. Protection of painted and not painted surfaces. Paintable.
TESA 4244	Single-sided pvc adhesive tape. Thickness 0.11mm. Natural rubber adhesive.	Used for "fine-line" masking whereas a very sharp paint edge is required. Very conformable and resistant up to 140 °C.
TESA 4287	Single-sided MOPP "strapping" adhesive tape. Thickness 80µ. Natural rubber adhesive.	Short-term securing of protective strips or panels on the floor or at critical places on passageways.
TESA 4317	Single-sided finely creped paper masking tape. Natural rubber adhesive.	Resistant to wet sandbasting. Used for masking of painted metal, rubber, glass and chromed parts. Resistant up to 80 °C.
TESA 4378	A 3 in 1 solution. Product constituted by a complex of 3 different materials: a) Tesa 4309 masking tape; b) paper edge; c) HDPE masking film.	Used for an easy and quick covering of huge areas accomplished by even just one operator. Resistant up to 120 °C.
TESA 51136	PE single-sided adhesive tape. Thickness 150µ. Acrylic adhesive.	Used to protect delicate surfaces aircrafts during their production, transportation or maintenance. Residue-free removable.

