

Get in touch

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Adhesives Engineered to Meet Your Lamination Needs



ELASTIC



SOFT



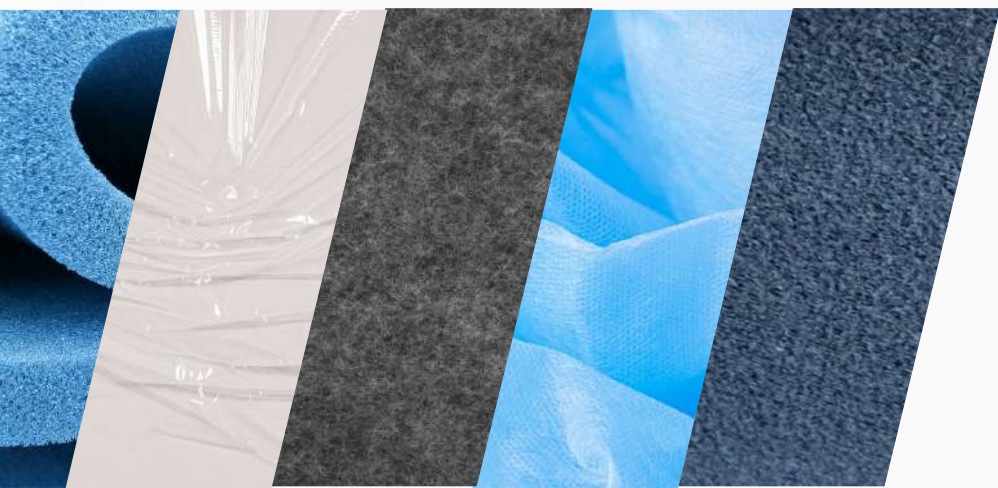
BREATHABLE



REINFORCEMENT

Bonding Solutions for a Wide Range of Substrates

Leveraging decades of expertise bonding diverse technical substrates in the automotive industry, Bemis Associates offers an extensive range of engineered adhesives to meet the evolving bonding needs of aerospace manufacturers.



Bringing safety to bonding



Visit our website



APRIL 2025

DURABLE | COMFORTABLE | BREATHABLE

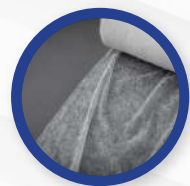


Protechnic A Bemis Associates, Inc. Company

Safe. Soft. Comfortable.

Our thermoplastic adhesive range

We offer a wide range of thermoplastic adhesives suitable for bonding the diversity of materials used in medical applications.



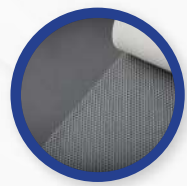
WEB
Soft &
Lightweight



HYBRID
Strong &
Performant



FILM
Strong full surface
assembly



NET
High flexibility &
breathability

Medical applications



Wound Care & Bandages

Our dry adhesives are soft and safe for the skin and prevent stiffness, ensuring comfort and breathability in wound care



Wearables & Personal Protective Equipment (PPE)

Add a barrier against external elements and insure safety of your end customer and performance of wearables and protective apparel.



Prosthesis & Orthopedic

Long-lasting bond that resists delamination, even under continuous stress. This ensures durability and reliability in prosthetics and insoles used daily.



Braces & Spine Support

Dry thermoplastic adhesives provide flexibility, ensuring a comfortable fit and natural movement in braces and soft goods.

WEB

	Ref.	Bio based / VOC / Flame retardant	Melting range (DSC °C)	Viscosity	Weight from-to gr/m²	Liner	Key features
TPU	6C8	●	45 - 55	medium to high	10 - 60	S/F/P	Very low melt adhesive for difficult substrates and leather
	6E8	●	56 - 66	medium to low	20 - 60	S	Bio TPU on speciality polyol from renewable sources
	6D8		115 (*TMA)	medium to low	30 - 60	P	Elastic adhesive, high recovery product, soft hand feel
	UG8		109 - 119	low to very low	12 - 70	D/P	Chemical resistant, elastic, tin free ester aliphatic
	UV8		110 - 120	medium	12 - 60	D/P	Soft & elastic, ester aliphatic adhesive, UV resistant
CoPES	ZQ8*		111 - 121	medium to high	8 - 70	S/F/P	Soft, flexible & elastic TPEE
PO	CZ8		68 - 107	low to very low	16 - 70	S/P	Soft & cost effective adhesive, low temperature activation
CoPA	1G8		113 - 123	medium to low	6 - 90	S/P	High runner versatile adhesive, wash resistant, dry cleanable

FILM

	Ref.	Bio based / Low VOC / Structure	Melting range (DSC °C)	Viscosity	Weight/ Thickness gr/m²	Liner	Key features
PO	3X9		70 - 80	high	21 - 100	S/E	High runner versatile product
	5X9		70 - 114	high	19 - 52	S	Low melt, fast flowing EVA based film
Barrier film	6WB	Barrier film	162 - 172	very high	15 - 33µm	D/F	High melt barrier film, good hydrolysis resistance

NET

	Ref.	Available structures	Melting range (DSC °C or *TMA)	Viscosity	Weight from-to gr/m²	Liner	Key features
PO	31	1	78 - 88	very low	30/35	D/P	Low melt adhesive, quick activation, good liquid & airflow
TPU	UG	F	109 - 119	very low to low	30/45	D/P	Soft, elastic, tin free ester aliphatic
	6D	1	115 (*TMA)	medium to low	45	P	Flexible and breathable, resistant to wash dry cleaning

Find more adhesive references in our "Thermo adhesive solutions" catalogue.

● S or D: without liner | P: with paper liner | F: with PE film liner | OEKO-TEX® references = ● | * = product not running regularly

● Very low VOC= VOC < 100 PPM | ● Low VOC= VOC from 101 to 200 PPM | ● Medium VOC= VOC > 200 ppm | ● = Bio-based references

● = Flame retardant FAR 25.853

