# Driving your application process efficiency

**As car owners increasingly prioritize aesthetic and personalized car interiors, our thermoplastic adhesives offer a solution that delivers both visual and functional benefits for premium headliners.**

Bemis-Protechnic provides the perfect balance of performance and aesthetics. By reducing process steps, ensuring a clean application, and minimizing defects, our adhesive streamlines production while delivering amazing results. Our range includes VOC approved adhesive aligned with modern automotive trends. Moreover, our adhesive's heat resistance ensures that your headliners maintain their integrity and appearance, even under the harshest conditions.

# Get in touch

**Bemis | Protechnic**
41, avenue Montaigne 68700 Cernay, FRANCE
commercial@protechnic.bemisworldwide.com
www.protechnic.fr

**Bemis Associates**
1 Bemis Way, Shirley, MA 01464, United States
info@bemisworldwide.com
www.bemisworldwide.com

BEMIS | PROTECHNIC - SEP 2025

BEMIS™ | protechnic

# Headliner Thermoplastic Adhesive

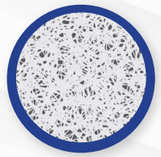
DRIVING BONDING PROGRESS

WWW.PROTECHNIC.FR

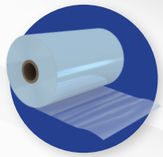
# Driving bonding progress

Protechnic offers a wide range of thermoplastic adhesives, engineered to assemble substrates seamlessly into headliner automated process. Our Web & Film adhesives are engineered to meet the specific demands of the automotive market.

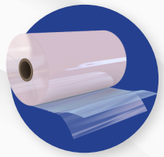
## Our headliner adhesive range



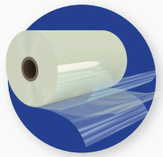
**WEB**
Soft & open structure



**MONO LAYER FILM**
Full surface bonding



**A+B FILM**
Adhesive and barrier function



**A+B+A FILM**
Adhesive and barrier function

## Webs

CoPES

| Ref. | Bio based /VOC | Melting range (DSC °C) | Viscosity | Weight from-to gr/m² | Liner | Key features | |
|---|---|---|---|---|---|---|---|
| **YF8** | ● | 139 - 149 | medium | 12 - 50 | S | Very high melt adhesive, heat resistant, tin free | ● |
| **YR8** | | 139 - 149 | medium to high | 12 - 50 | S | High viscous, very high melt, suitable for molding process | ● |

## Mono & Multi-layer films

| Ref. | Base material | Melting range (DSC °C) | Viscosity | Weight/ Thickness gr/m² or or µm | Liner | Key features | |
|---|---|---|---|---|---|---|---|
| **3R9** | PO | 97 - 107 | high | 20 - 28 | S | EAA based rigid film, good bonding on foam and aluminium | ● |
| **CK9** | PO | 120 - 130 | high to very high | 23 - 46 | S/E | High melt & viscous, good for hot moulding process | ● |
| **4A9** | PO | 140 - 150 | very high | 28 - 56 | S/E | High melt PP adhesive for PP substrates | ● |
| **2 layer film** | | | | | | | |
| **5AA** | A+B PO/PE | 86 - 96 / 104 - 114 | high to very high | 20 - 47 | S | Good barrier to fluids & air | ● |
| **3 layer film** | | | | | | | |
| **5AD** | A+B+A PO/PE/PO | 86 - 96 / 104 - 114 | high to very high | 23 - 56 | S | 3-layer, competitive, viscous | ● |
| ***5XD** | A+B+A PO/PE/PO | 70 - 80 / 104 - 114 | high | 19 - 75 | S | Fast flowing low melt EVA film | ● |
| **3RD** | A+B+A PO/?/PO | 97 - 107 / 121 - 131 | high to very high | 20 - 40 | S | Excellent bonding to metallic bases, glass, PU, PA and also rubber material. | ● |
| **CKD** | A+B+A PO/PP/PO | 120- 130 / 158 - 168 | very high | 60 - 120 | S | Excellent bonding to PU foam, PA (Nylon) substrates, metal andglass fiber | ● |

**Find more adhesive references in our “Thermoadhesive solutions” catalogue.**

## Your substrate. Our Expertise.

We know how to bond your material: real & synthetic leather, vinyl, velvet, PES fabric, 3D spacer, foam, composite and more...

## Meeting your end product’s requirements

VOC approved | High heat resistance | Cleaner process | Reduced defect rate | Barrier to fluids | Soft touch | PES material recyclable

## Applications

### A — Face A

Soft textiles, 3D spacers, or foams are choices for the A face. Our web adhesives provide a seamless bond, ideal for materials that require a delicate touch. By using web adhesives, you can maintain the softness and texture of these materials while preserving their acoustic insulation properties due to the adhesive's permeable nature

### B — Faces B & C

Our bi-layer and multi-layer films offer a reliable and effective barrier against liquid PUR, preventing unwanted penetration through the face material thus ensuring a clean finish in the headliner fabrication.

● 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