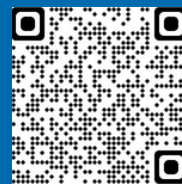




Thermoadhesive solutions

in Web, Film, Net and Hybrid structures.

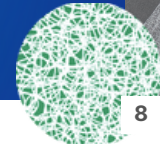
Visit our
website



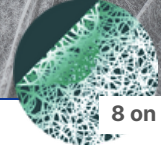
Bonding in a sustainable way.



Webs | Lightweight, flexible, breathable.



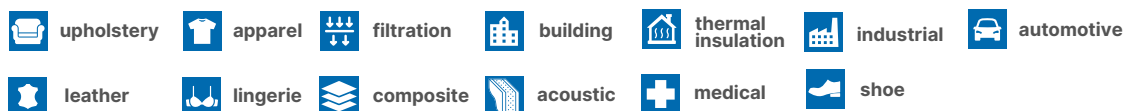
8



8 on liner

● **Viscosity** : very high < 2cc/10min | **High** = 3 to 18; medium = 19 to 50 | **Low** = 51 to 100; very low >100)

| | Ref. | Bio based / VOC | Melting range (DSC °C) | Viscosity ● | Weight from-to gr/m ² | Liner ● | Key features | Applications |
|---------|------|-----------------|------------------------|-----------------|----------------------------------|---------|---|--------------|
| CoPA | B78 | | 80 - 109 | low | 12 - 50 | S | Good bonding properties on PVC, textiles & leather | |
| | 178 | | 98 - 108 | medium | 8 - 80 | S/F | Premium adhesive for natural/artificial/vegan leather lamination ● | |
| | BD8 | | 85 - 95 | low to very low | 8 - 50 | S | Quick bonding low melt adhesive, adapted to leather ● | |
| | B18 | | 80 - 109 | very low | 8 - 80 | S/P | Fluid, quick bonding, suitable for steam activation | |
| | 198 | | 105 - 115 | medium to high | 12 - 80 | S/P | Good bonding for difficult substrates, plasticizer resistance ● | |
| | 1Z8 | | 105 - 115 | low to very low | 12 - 50 | S/P | Soft & flexible, high tacky product, good bonding properties ● | |
| | 1G8 | | 113 - 123 | medium to low | 6 - 80 | S/P | High runner versatile adhesive, wash resistant, dry cleanable ● | |
| | BK8 | | 113 - 123 | medium to low | 16 - 50 | S/P | Cost effective, quick flowing adhesive, dry cleanable ● | |
| | AN8 | | 119 - 129 | medium to low | 10 - 50 | S | Excellent bonding on foam, good chemical resistance | |
| | 1A8 | | 144 - 154 | medium to low | 12 - 50 | S | High temperature resistance, good hydrolysis resistance ● | |
| | BC8 | | 173 - 183 | very low | 6 - 50 | S | Very high melt adhesive, adapted to high temperature process | |
| CoPES | 9D8 | | 87 - 97 | medium to low | 8 - 60 | S/F | Low melt, plasticizer resistant for delicate substrates and leather ● | |
| | ZF8 | | 95 - 105 | medium | 8 - 50 | S | Good oil and UV resistance, flexible | |
| | 998 | | 104 - 114 | medium | 8 - 70 | S/F/P | Can be activated by HF, wash resistant, good mechanical stability ● | |
| | ZK8 | | 106 - 116 | medium | 8 - 60 | S | Good compatibility with different substrates, competitive web ● | |
| | ZQ8 | | 111 - 121 | medium to high | 8 - 70 | S/F/P | Soft, flexible & elastic TPEE ● | |
| | 9B8 | | 114 - 124 | medium to low | 16 - 50 | S/P | Soft, wash & steam resistant, good for difficult substrates ● | |
| | 978 | | 125 - 135 | medium to low | 12 - 80 | S | High melt, adapted to injection process, tin free ● | |
| | ZM8 | | 126 - 136 | low | 20 - 80 | S | Flame retardant properties, tin free, halogene free | |
| | 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 ● | |
| | YP8 | | 168 - 178 | very high | 16 - 50 | S | Suitable to very high temperature processes | |
| TPU | 6C8 | | 45 - 55 | medium to high | 10 - 100 | S/F/P | Very low melt adhesive for difficult substrates and leather ● | |
| | 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 ● | |
| PO | CZ8 | | 68 - 107 | low to very low | 16 - 70 | S | Soft & cost effective adhesive, low temperature activation | |
| | 3B8 | | 97 - 107 | low to very low | 14 - 50 | S | Economical adhesive, very fluid, good for wadding application | |
| Blend | 838 | | 96 - 106 | very low | 20 - 40 | P | Post reactive web which will increase heat resistance | |
| 2-layer | 81W | | 87 - 108 | low to medium | 20 - 30 | D | Bi-layer, low emission, adapted to leather bonding ● | |



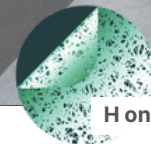
● **S or D**: without liner | **P**: with paper liner | **F**: with PE film liner | **OEKO-TEX®** references = ●

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

Hybrids | Innovative, efficient, unique.



H

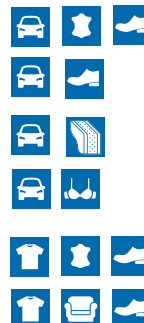


H on paper

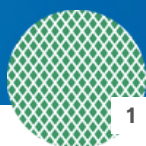
| | Ref. | Bio based / VOC | Melting range (DSC °C) | Viscosity | Weight from-to gr/m ² | Liner | Key features | |
|-------|------|-----------------|------------------------|-----------------|----------------------------------|-------|---|---|
| CoPA | 17H | | 98 - 108 | medium | 35 - 60 | D/P/S | High-engineered premium compound adhesive | ● |
| | 19H | | 105 - 115 | medium to high | 35 - 60 | D/P | Good bonding for difficult substrates, plasticizer resistance | ● |
| CoPES | 97H | | 125 - 135 | medium to low | 35 - 60 | D/P | High melt, adapted to injection process, tin free | ● |
| | YFH | | 139 - 149 | medium | 35 - 60 | D/P/S | Very high melt adhesive, heat resistant, tin free | ● |
| TPU | UGH | | 109 - 119 | low to very low | 35 - 60 | S/P | Chemical resistant, elastic, tin free ester aliphatic | ● |
| | 6CH | | 45 - 55 | medium to high | 35 - 60 | S/P | Very low melt adhesive for difficult substrates and PVC | ● |

More hybrid adhesives to be discovered.

Applications



Nets | Open, homogeneous and flexible.



1



2



3



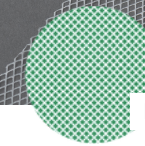
4



5



6



F

| | Ref. | Available structures | Melting range (DSC °C) | Viscosity | Weight from-to gr/m ² | Liner | Key features | |
|-------|------|----------------------|------------------------|-----------------|----------------------------------|-------|---|---|
| CoPA | 11 | 1/3/4/5/6 | 107 - 117 | very low | 30 | D/P | High-runner can be activated by steam | |
| | 1G | 6 | 113 - 123 | low to medium | 23-35 | S/P | High runner versatile adhesive, wash resistant, dry cleanable | ● |
| | 1A | 6 | 144 - 154 | medium | 25-35 | S | High temperature resistance, good hydrolysis resistance | ● |
| CoPES | 92 | 6 | 126- 136 | low to medium | 25-40 | S | Good bonding, cost effective, rigid | ● |
| | ZK | 6 | 106 - 116 | medium | 25-40 | S | Good compatibility with different substrates, competitive net | ● |
| TPU | UG | 1/2/F | 109 - 119 | very low to low | 35-50 | D/P | Soft, elastic, tin free ester aliphatic | ● |
| | UV | 1/2/F | 110 - 120 | low to medium | 35-50 | D/P | More viscous, soft, elastic, tin free ester aliphatic | ● |
| | 6C | 1/2 | 45 - 55 | medium to high | 35-45 | D/P | Flexible, low melt, quick-melt, chemical resistant | ● |
| PO | 31 | 1 | 78 - 88 | very low | 30-35 | D/P | Low melt adhesive, quick activation, good liquid & airflow | |

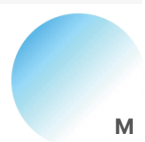
Applications



Barrier films & Membranes



B



M

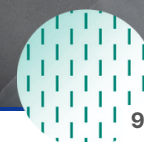
| | Ref. | Function / Material | Melting range (DSC °C) | Viscosity | Weight/ Thickness gr/m ² or μm | Liner | Key features | |
|--------------|-----------|---------------------|------------------------|----------------|---|-------|---|---|
| Barrier film | 6MB | Barrier film | 155 - 165 | very high | 25 - 50 μm | D/F | High melt viscous barrier, for injection applications | ● |
| | 6WB | Barrier film | 162 - 172 | very high | 15 - 33μm | D/F | High melt barrier film, good hydrolysis resistance | ● |
| Membrane | 92M | Membrane | 207 - 217 | very high | 12 -30 | D/F | PES breathable membrane | ● |
| | 92M / 9B8 | Membrane /TPE web | 207 - 217 /114 - 124 | medium to high | 28 - 180 | S | CoPES web coated on PES membrane | ● |



A = Adhesive + Barrier (AB) | B = Barrier | C = Adhesive + Adhesive (AA) | D = Adhesive + Barrier + Adhesive (ABA) | M = Membrane

Monolayer Films |

Strong & full surface bonding.



| | Ref. | Bio based / Low VOC | Melting range (DSC °C) | Viscosity | Weight/ Thickness gr/m ² or µm | Liner | Key features | Applications |
|-------|------|---------------------|------------------------|-------------------|---|-------|---|--------------|
| CoPA | 179 | | 98 - 108 | medium | 50 - 55 | D/F | Premium compound adhesive film | |
| | 199 | | 105 - 115 | medium to high | 20-90 | D/F/P | Good bonding for difficult substrates, plasticizer resistance | |
| CoPES | ZQ9 | | 114 - 124 | high | 25 | D/F | TPEE, flexible, adapted for textile and foam applications | |
| | 979 | | 121 - 131 | high | 23 - 50 | D/F | High melt, adapted to injection process, tin free | |
| | YV9 | | 135 - 145 | high | 21 - 60 | D/F | High melt tin free film for injection process | |
| PO | DF9 | | 70 - 80 | high | 23 - 28 | S | Low melt EVA film | |
| | DD9 | | 63 - 73 | high | 23 - 52 | S | Very low melting point, fast flowing | |
| | 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 | |
| | 3W9 | | 75 - 85 | high to very high | 28 - 34 | S | Soft, low melt economic film | |
| | 3P9 | | 87 - 97 | very high | 30 - 75 | S | High elastic, low modulus and versatile | |
| | DL9 | | 96 - 106 | medium to high | 24 - 47 | S | Low melt, good bonding on textiles and felts, very fluid | |
| | 3R9 | | 97 - 107 | high | 20 - 28 | S | EAA based rigid film, good bonding on foam and aluminium | |
| | CK9 | | 120 - 130 | high to very high | 23 - 46 | S/E | High melt & viscous, good for hot moulding process | |
| | 4A9 | | 140 - 150 | very high | 28 - 56 | S/E | High melt PP adhesive for PP substrates | |
| PU | 6A9 | | 105 - 115 | high | 20 - 100 µm | F | High elastic film with good elongation properties | |

Multi-layer films |

Added functionality, technical, specialized.



| | Ref. | Base material | Melting range (DSC °C) | Viscosity | Weight from-to gr/m ² | Liner | Key features | Applications |
|--------------|------|-------------------|------------------------|-------------------|----------------------------------|-------|--|--------------|
| 2-layer film | 5XA | A+B PO/PE | 70 - 80 / 104 - 114 | high | 20 - 38 | S | Fast activation, low melt EVA film with barrier | |
| | 5AA | A+B PO/PE | 86 - 96 / 104 - 114 | high to very high | 20 - 47 | S | Good barrier to fluids & air | |
| | 2PC | A+A CoPA/PO | 104 - 114 / 86 - 96 | high | 30 | D/F | Adapted to bond two different substrates | |
| | 4PC | A+A CoPA/PO | 104 - 114 / 140 - 150 | very high | 30 - 60 | D/F | Excellent to bond PVC or PU foam on natural or PP fibers | |
| | 2XC | A+A PA/PO | 100 - 110 / 70 - 80 | medium to high | 25 - 50 | D/F | Good bonding, high tech, versatile | |
| | 7GA | A+B TPU/TPU | 105 - 115 / 155 - 165 | very high | 30 - 100 | D/F | Excellent barrier for injection process | |
| 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 | |
| | 7ED | A+B+A TPU/TPU/TPU | 105 - 115 / 155 - 172 | very high | 45-200 | D/F | Soft & versatile, excellent barrier for injection use | |

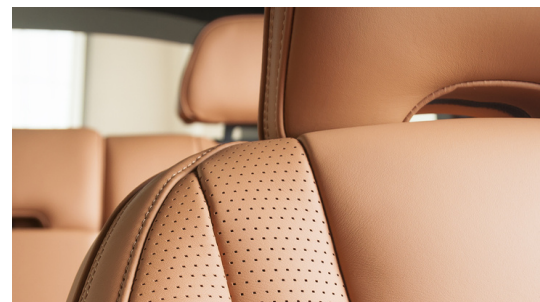
Find the right adhesive

A tailored range of adhesive solutions to meet your application requirements.

Transport



Our thermoadhesives meet a wide variety of requirements. Ensure safety, durability, and comfort to the end user with our low-emission, breathable, UV, and temperature-resistant bonding solutions.



Footwear



Minimize shoe weight with a range of light adhesives or reinforce specific parts of the shoe to add support and comfort.



Apparel



Bring comfort, aesthetic and performance by replacing stitching and sewing operations. Achieve seamless and functional designs with flexible, breathable and waterproofing adhesives.



Building



Match building market requirements with an adhesive that allows you to improve durability and meet strict construction market safety specifications.

Leather goods



Preserve the look and feel of your natural, artificial and vegan leather. Use less adhesive weight while ensuring full and even surface bonding. Leather remains flexible and soft, enabling you to achieve your sophisticated design expectations.

Consumer Electronics



Create sleeker, lighter devices that deliver more power without compromising aesthetics. Bond dissimilar mesh materials with airflow attributes to achieve acoustic requirements, adding a soft feel and reducing product weight.

Medical



Hotmelt adhesive can be applied in medical and protection applications against bacteria and viruses. Combined materials can help to reduce the spread of infection in a medical or surgical environment.

Overview of technologies

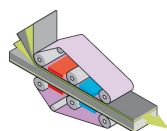
A tailored adhesive range to meet your bonding challenges with 5 technologies.

| | Product | Maxi width* trimmed/mm | Raw materials | Melt °C* mini - maxi | Weight/Thickness* gr/m ² or µm |
|--|---------------------------------|---------------------------|-----------------------|-------------------------|--|
| Web technology | Web with or without paper/liner | 1500 | CoPA, CoPES, TPU | 45 - 190 | 4 to 100 gr/m ² |
| | Web without liner | 2250 | CoPA, CoPES, TPU, PO | 45 - 190 | 4 to 80 gr/m ² |
| Hybrid technology | Hybrid on paper liner | 1500 | CoPA, CoPES, TPU | 90 - 150 | 35 to 60 gr/m ² |
| | Hybrid without liner | 2250 | CoPA, CoPES, TPU | 90 - 150 | 35 to 60 gr/m ² |
| Net technology | Net on paper liner | 2000 | CoPA, CoPES, EVA, TPU | 45 - 150 | 13 to 50 gr/m ² |
| | Net without liner | 2000 | CoPA, CoPES | 100 - 160 | 23 to 50 gr/m ² |
| Blown film technology | Adhesive film up to 5 layers | 1740 | CoPA, CoPES, PO, TPU | 63 - 170 | 20 to 200 gr/m ² |
| | Wide width | 3000 | TPU, CoPA | 63 - 150 | 20 to 150 gr/m ² |
| | Barrier film Membrane film | 1740 | CoPES, TPU, PO | 85 - 220 | 15 to 100 gr/m ² and 15 to 150 µm |
| | Slit film | 2500 | PO | 70 - 150 | 23 to 52 gr/m ² |
| | On paper liner | 1500 | CoPA | 105 - 115 | 50-90 gr/m ² |
| Cast film technology | Cast film with paper liner | 2000 | TPU, CoPES, CoPA, PO | 80 - 190 | 25µm to 300µm |
| | Cast film without paper liner | 2000 | TPU, CoPES, CoPA, PO | 80 - 190 | 25µm to 300µm |
| Apart from full width adhesives, tapes are available starting from 6mm depending on the reference. | | | | | |

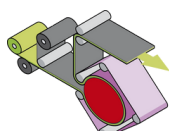
*This is an overview of our production capacity, the products specifications may differ from one to another.

Dry lamination and coating process

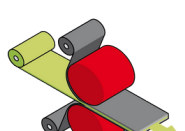
A sustainable bonding process that produces less waste and requires fewer adhesives and production steps. Here are five processes that could apply our products.



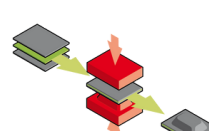
Flatbed press



Belt Calender



Regular calender



Hot press



Ironing and steaming

Our certificates



FR056378-1



Please refer to the catalogue product list if you would like to know which references are OEKO-TEX® certified.