

Facestock

A clear, velvet textured polycarbonate overlamination film with excellent clarity.

Basis Weight	60 g/m ²	ISO 536
Caliper	50 µm	ISO 534
Maximum Service Temperature	125 °C	

Adhesive

S8020 is a clear permanent adhesive featuring excellent UV resistance and weatherability together with good overall adhesion performance.

Liner

A clear polyester liner . The polyester liner giving optimum smoothness to the adhesive layer.

Basis Weight	51 g/m ²	ISO 536
Caliper	36 µm	ISO 534
Transparency	99 %	DIN 53147

Laminate

Total Caliper	106 µm±10%	ISO 534
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Performance data

Initial Tack	14 N/25mm	FTM 9 Glass
Min. Application Temp.	5 °C	
Service temperature	-40°C to 125°C	
Peel Adhesion 90°	6 N/25mm	FTM 2 st.st. 24hr

Adhesive Type	Emulsion Acrylic
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Adhesive weight	20 g/m ²	FTM12
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Applications and use

Overlam Polycarbonate is primarily used as an alternative to subsurface printed polycarbonate nameplates, touch pads and dashboard. Typically overlaminated onto a printed PET and other filmic labels to achieve a similar effect to subsurface printed polycarbonate.

Polycarbonate overlamination film is extremely tough, scratch resistant and hardwearing. It is ideal for applications where display panels or labels need protection from heavy use. It has a non-reflective surface for low glare and is finger-print resistant.

The robust film liner allows for consistent, snap free, application on high speed lines. As liner is transparent, the applicator must detect the print itself or registration marks must be provided on either face or liner.

Conversion & printing

This product is not designed for thermal transfer or conventional printing. When diecutting labelstock overlaminated with polycarbonate, dies should be clean, sharp, and tooled for this purpose. The use of polycarbonate film can aid label dispensing.

Press stability is good with stable, consistent register during conversion. Flat bed performance is good while solid and magnetic rotary dies need additional care. (Die bearers must be adjusted to the polyester liner).

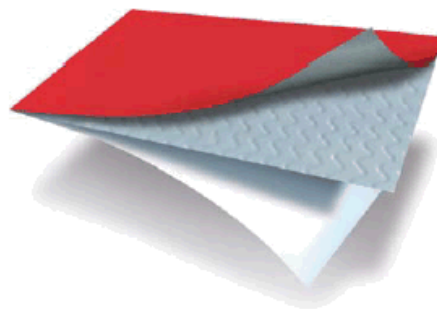
Shelf life


Two years under storage conditions as defined by FINAT (20-25°C; 40-50%RH)

AB702

Fasson ®

OVERLAM POLYCARB 50 MT - S8020-PET36



OVERLAM POLYCARB 50 MT	
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S8020	
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PET36	
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This is an automatically generated datasheet. All data to be considered as typical values and subject to change without prior notice. Further testing is always recommended.

If you would like to make a suggestion or comment on this datasheet, please send an email to datasheet.mgmt@eu.averydennison.com

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