

Facestock

A gloss transparent polyester film with an ink and toner receptive surface.

| | | |
|--------------|---------------------|---------|
| Basis Weight | 70 g/m ² | ISO 536 |
| Caliper | 50 µm | ISO 534 |

Adhesive

S4700 is a clear emulsion adhesive for demanding labelling applications.

Liner

HF100, a one side coated, bleached kraft paper.

| | | |
|--------------|----------------------|---------|
| Basis Weight | 100 g/m ² | ISO 536 |
| Caliper | 108 µm | ISO 534 |

Laminate

| | | |
|---------------|------------|---------|
| Total Caliper | 173 µm±10% | ISO 534 |
|---------------|------------|---------|

Performance data

| | | |
|------------------------|---------------|--------------|
| Initial Tack | 15 N/25mm | FTM 9 Glass |
| Peel Adhesion 90° | 8 N/25mm | FTM 2 St.St. |
| Min. Application Temp. | 0 °C | |
| Service temperature | -20°C to 80°C | |

Adhesive Performance

S4700 is a clear permanent adhesive featuring excellent initial tack, adhesion, "wet-out" performance even on apolar surfaces such as HDPE. Improved temperature water, solvent and chemical resistance.

Applications and use

The hygroflat backing paper is specially suited to the more critical refolding demands of high-speed computer printers, providing optimum layflatness and excellent interfolding characteristics.

Conversion & printing

This product is specifically designed for hot fuse sheet fed and continuous (color) laser printing, providing optimal flatness during conversion, storage and laser printing processing. Some slight curl may be seen on exiting the printer but this will flatten quickly. Die specification: although flat-bed, solid and magnetic dies can all be used, it is essential that they are hardened, single bevel and sharp to ensure clean cut-through of the polyester film. It is advisable to butt cut and not to strip the matrix to avoid label lift during laser processing. If round cornered labels are required the matrix should be left on the sheet. Although the product is designed to be free of edge bleed, ideally the sheets should be edge stripped to minimise the presentation of wet edges to the printer.

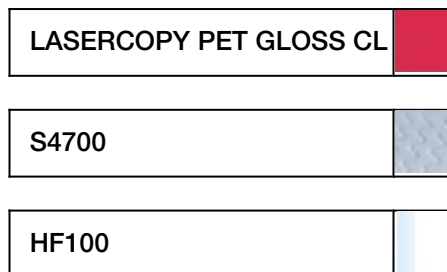
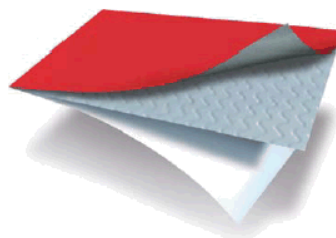
Special Approvals

S4700 complies with European food regulation 1935/2004/EC, with the German Recommendation (BfR) XIV and with FDA § 175.105. It also meets the demands of the limit values laid down in 10/2011/EU. In accordance with the requirements of relevant

AA320

Fasson ®

LASERCOPY PET GLOSS CL - S4700-HF100



EU food regulations, the adhesive S4700 may safely stand in direct contact with dry, moist and fatty foodstuffs which have a reduction factor of at least 3 according to the Commission Regulation (EU) No 10/2011, with olive oil as fatty food simulant used for migration testing.

This material complies with BS 5609, Section two, Marine Immersion Test.

Shelf life

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

All data to be considered as typical values and subject to change without prior notice. The actual front and liner used might influence adhesive values. 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

Avery Dennison Materials Group Europe

Willem Einthovenstraat 11
2342 BH Oegstgeest
The Netherlands
+31 (0)85 000 2000

Warranty

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