

### Facestock

A gloss clear polyester film provided with a print friendly top-coating.

|              |                     |         |
|--------------|---------------------|---------|
| Basis Weight | 51 g/m <sup>2</sup> | ISO 536 |
| Caliper      | 36 µm               | ISO 534 |

### Adhesive

A special purpose permanent, luminescent , acrylic based adhesive.

### Liner

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

|              |                     |           |
|--------------|---------------------|-----------|
| Basis Weight | 51 g/m <sup>2</sup> | ISO 536   |
| Caliper      | 36 µm               | ISO 534   |
| Transparency | 99 %                | DIN 53147 |

### Laminate

|               |           |         |
|---------------|-----------|---------|
| Total Caliper | 93 µm±10% | ISO 534 |
|---------------|-----------|---------|

### Performance data

|                        |                |              |
|------------------------|----------------|--------------|
| Initial Tack           | 9 N/25mm       | FTM 9 Glass  |
| Peel Adhesion 90°      | 5 N/25mm       | FTM 2 St.St. |
| Min. Application Temp. | 10 °C          |              |
| Service temperature    | -20°C to 100°C |              |

### Adhesive Performance

S4000 LUM is a extra clear, luminescent adhesive for use with clear filmic face and liner materials. The adhesive features excellent water and heat resistance, good tack and adhesion performance, even on apolar surfaces such as polyethylene bottles. UV resistance of the dye is limited and to maintain UV reflectance levels labels should not be exposed to UV light for prolonged periods.

### Applications and use

A glass clear label of superior quality for use in harsh environments where good resistance to elevated temperatures, chemicals are required as well as good durability.

Typical applications include labels for use in the pharmaceutical industry, applications on small cylindrical containers, curved substrates and on other known substrates in the pharmaceutical industry. The luminescent properties of the product allow automatic label dispensing and/or missing label control using UV-light detection equipment.

The robust film liner allows for consistant, 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

The ink receptive coating allows good wettability and ink adhesion with letterpress, offset, flexo, gravure and hot foil stamping. Precautions should be taken to avoid build-up of static electricity.

Press stability is good with stable, consistant 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).

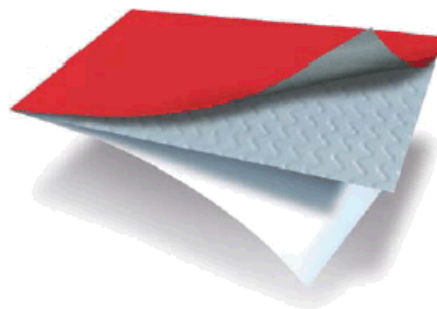
### REACH Compliance

Notification according to Article 33 of the REACH Regulation (SVHC) This article contains the following substance which is included on the candidate list, according to article 59 (1,10) of

## AC855

## Fasson ®

## PET36 TOP CLEAR - S4000 LUM- PET36



PET36 TOP CLEAR

S4000 LUM

PET36

*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](mailto:datasheet.mgmt@eu.averydennison.com)*

the REACH registration, in a concentration above 0.1% (w/w):  
Nonyl phenol ethoxylate (NPEO) (CAS No.9016-45-9)

#### Special Approvals

Unconverted as well as converted label material should be stored protected from light – exposure to light reduces the luminescence. The performance of printed labels should always be tested in the actual conditions of use.

#### Shelf life

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

#### Avery Dennison Materials Group Europe

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

#### Warranty

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