

# Avery Dennison®

## 4500 TF & 5500 QM



### Translucent films for illuminated signs.

Avery Dennison® Translucent Film ranges 5500 QM and 4500 TF are used across all continents thanks to outstanding quality, translucent colour uniformity and adhesion properties, along with service.

5500 QM and 4500 TF provide an excellent solution for creating high performance illuminated signage. These films are specially designed for high quality applications such as light boxes and internally illuminated signs, and they can also be used on backlit acrylic glass, glass and flexible banner material. All materials offer excellent sign-cutting characteristics and easy conversion using either computerised sign cutting, hand cutting or die cutting - and they are well suited to thermoforming conversion.

#### 5500 QM

Avery Dennison 5500 QM is a lustre 50 micron, translucent cast vinyl film, equipped with a permanent, transparent acrylic based adhesive. A fast colour matching service is offered for projects where a specific colour cannot be found in the standard colour range. The minimum order quantity for this service is only one roll.

#### 4500 TF

Avery Dennison 4500 TF is a polymeric calendered 80 microns translucent vinyl film, equipped with a permanent transparent, acrylic based adhesive. Extensive colour choices and a permanent adhesive in popular roll sizes make this range the product of choice for medium-life backlit signage.

**KEY FEATURES**

- Premium quality translucent films
- Durability up to 10 years (5500 QM) and up to 7 years (4500 TF)
- Fully integrated ICS Warranty Programme
- Many stock colours (65 for 5500 QM and 38 for 4500 TF)
- Quick and fast custom colour matching service starting at a minimum order quantity of 1 roll
- Complementary diffuser/block-out films and flexible substrates available
- 5500 QM suitable for vacuum thermoforming

**KEY BENEFITS**

- The simplicity of self-adhesive installation
- Excellent colour uniformity in reflected and transmitted light
- Semi-gloss to prevent glare and provide uniform sign colour (both reflected and transmitted light).
- Excellent adhesion on a wide variety of substrates
- Excellent colour fastness, durability and dimensional stability
- Compatible with all types of light sources

**RECOMMENDED USES**

- Indoor and outdoor illuminated light boxes
- Graphics for backlit illuminated signs on both rigid and flexible substrates
- Window graphics and retail signage
- Large illuminated backlit corporate lightbox branding

**Complementary products**



**Diffuser Film + Block Out**

**5100 Diffuser Films**

Avery Dennison® 5100 Diffuser Films are cast vinyl films designed for use as a light diffuser. The material is available in white -- in two light-diffusing strengths, 30% and 60% -- to eliminate the problem of "hot spots" and give a sign even overall illumination.

**5300 Blockout Films**

Avery Dennison® 5300 Blockout Films are light control films for illuminated signage. When illuminated, light is unable to penetrate through the "blocked" areas – resulting in dramatically brighter illumination of unblocked areas. Available via colour matching or in white with a black backing and in black with a white backing.



**Flexible Substrates**

**Flexible Substrate 5000**

Avery Dennison® 5000 Flexible Substrate is a unique product, that can be decorated with Avery Dennison 5500 QM, a translucent pressure sensitive film, which when applied to Avery Dennison 5000 Flexible Substrate, provides excellent performance for external backlit signs, awnings or billboards.

**Flexible Substrate Signage Pro**

Flexible Substrate Signage Pro is a polyester material that outperforms alternative products. A far higher level of light transmission enables signage that truly stands-out compared with conventional white/opal acrylics or flexible banner materials.

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