

# TV447

## PVC OUTDOOR CLEAR

### Description

TV447 is distinguished by very high ageing stability and features excellent resistance against chemicals, heat and UV light. It has a high peel adhesion on high and medium surface energy substrates.

### Physical data

Physical properties		
<b>Facestock</b>		
Basis Weight	103 g/m <sup>2</sup>	ISO 536
Caliper	80µm	ISO 534
<b>Liner</b>		
Basis Weight	80 g/m <sup>2</sup>	ISO 536
Caliper	78µm	ISO 534
<b>Laminate</b>		
Total Caliper	189µm±10%	ISO 534

Performance Data		
Initial Tack	15 N/25mm	FTM 9 Glass
Min. Application Temp.	0 °C	
Service Temperature	-80 °C to 110 °C	
Adhesive Type	Solvent Acrylic	
Peel Adhesion 90° - 24hr	15 N/25mm	FTM 2 st.st. 24hr

### Applications and Use

PVC outdoor clear is ideal for many medium-life indoor and outdoor applications. A durability of seven years (vertical exposure, middle European exposure conditions) can be expected. The material is self-extinguishing. Due to the high flexibility of the film, the film is used in cable marking applications. The hydroflat backing paper is generally suited to the refanfolding demands of high-speed computer printers, providing optimum layflatness and excellent interfolding characteristics. A decurling bar might be needed for optimal results.

**Conversion and Printing**

PVC Outdoor Clear features good thermal transfer printability; for good abrasion resistance we recommend the use of resin ribbons. In addition this material can be screen and UV flexo printed. It shows good die cutting performance.

**Shelf Life**

To obtain optimal performance, use this product within two years of the date of manufacture, under storage conditions as defined by FINAT (20-25°C; 40-50%RH). Prolonged storage outside these conditions might reduce the shelf life.

**Disclaimer**

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