

A447

PVC OUTDOOR CLEAR

Description

A447 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		
Facestock		
Basis Weight	103 g/m ²	ISO 536
Caliper	80µm	ISO 534
Liner		
Basis Weight	-80 g/m ²	ISO 536
Caliper	78µm	ISO 534
Laminate		
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 hygroflat 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.

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