

# 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 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.

### Disclaimer

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