

Description

This double-sided tape consists of a tissue carrier, layered on both sides with a APEO free modified acrylate adhesive. This ultra-high-performance adhesive has good temperature and water resistance as well as high aging and plasticizer resistance. Even on materials that are difficult to adhere to (e.g., low surface energy), this adhesive exhibits high adhesion, high tack and high repulsion resistance. The adhesive is designed to offer low fogging and low VOC emissions. These properties make the product suitable for wide applications in the interior of passenger cabins in the automotive industry.

Carrier

Paper tissue (12,7 g/m², white, opaque)

Liner

Siliconized paper (90 g/m², yellow)

Adhesive

Modified dispersion acrylate (transparent)

Area of use

The tape is extremely flexible and has excellent repulsion resistance. It is particularly suitable for insulating and damping materials such as foams, nonwovens and textiles. Due to its very aggressive adhesive, it is suitable for bonding various materials from slightly rough to smooth surfaces with high to low surface energy (e.g. textiles, wood, small-pored and impregnated foams, nonwovens, cellular polyethylene, soft PVC or polypropylene).

Technical Data

Thickness* (adhesive and carrier)	160 micron
Temperature resistance***	-40 °C to +160 °C
Adhesion* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	after 1 min: 40 N/25 mm after 20 min: 41 N/25 mm after 24 h: 43 N/25 mm
Adhesion* (FINAT TM 1, on polypropylene, one side covered with 50 micron polyester film)	after 1 min: 38 N/25 mm after 20 min: 39 N/25 mm after 24 h: 40 N/25 mm
Shear strength* (FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film)	at 23 °C: 24 h at 70 °C: 20 min
Shelf life**	2 years
Application temperature	> +15 °C

*average; **in original packaging, at 20 °C and 50% relative humidity; ***1 h, normal climate of Central Europe

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