

## Description

ORABOND® 1399TM forms part of our AM2 range of high performance double coated tapes. It consists of a paper tissue carrier, coated on both sides with a modified solvent acrylate adhesive. It has a very good resistance to UV radiation, extreme temperatures, chemicals, solvents and humidity. Its highly shear-resistant adhesive has an excellent durability when attached to metal, varnish and high energy surfaces. Because of its high adhesive mass it is also appropriate for rough or structured surfaces.

## Carrier

Paper tissue, 12.7 g/m<sup>2</sup>

## Liner

White silicone-coated paper, 90 g/m<sup>2</sup>, with blue ORAFOL branding

## Adhesive

Modified solvent acrylate

## Area of use

Used as an adhesive medium for polyethylene, polyester, and polyether foams as well as for the extension and splicing of paper, textiles, plastic and metal films where high shear strength, adhesion strength and temperature resistance are required.

## Technical Data

<b>Thickness*</b> (adhesive and carrier)	190 micron
<b>Temperature resistance***</b>	-40° C to +140° C, momentary up to +160° C
<b>Resistance to solvents and chemicals</b>	with expert application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis
<b>Loop Tack*</b> (FINAT TM 9)	28 N/25 mm
<b>Adhesive power*</b> (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	after 1 min: 21 N/25 mm after 20 min: 29 N/25 mm after 24 h: 35 N/25 mm
<b>Shear strength*</b> (FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film)	at 23° C: > 400 h at 70° C: > 6 h
<b>Temperature Resistance*</b> (S.A.F.T.)	120° C
<b>Shelf life**</b>	2 years
<b>Application temperature</b>	> +15° C

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

## IMPORTANT NOTICE

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