

## Description

This double-sided tape consists of a polyester film carrier coated on both sides with a modified acrylic adhesive. Its highly shear resistant adhesive has excellent durability when attached to metal, varnish and high energy surfaces, and good adhesive durability when attached to low energy surfaces. It has very good resistance against UV radiation, extreme temperatures, chemicals, solvents and humidity.

## Carrier

Polyester film (12 micron, black)

## Liner

Double-sided siliconised PET film

## Adhesive

Modified acrylic

## Area of use

This tape is suitable for bonding signs, covers, scales, metal and plastic films in industrial and commercial applications which require high shear strength, adhesion and extreme temperature resistance. It can be used as a fixing aid in sail production and for attachment of bars and trims.

## Certificates

The adhesive AM10 fulfils the requirements of the Code of Federal Regulations, Food and Drugs (FDA), 21 CFR Ch. I, § 175.105.

## Technical Data

<b>Thickness*</b> (Carrier and Adhesive)	130 micron	
<b>Temperature resistance</b>	-40 °C to +160 °C, short-term up to +180 °C	
<b>Resistance to solvents and chemicals</b>	with correct application resistant to most oils, grease, fuels, aliphatic solvents, weak acids, salts and alkalis	
<b>Adhesive power*</b> (FINAT TM 1, stainless steel, one side covered with 50 micron polyester film)	18 N/25 mm	after 1 min
	23 N/25 mm	after 20 min
	25 N/25 mm	after 24 h
<b>Shear strength*</b> (FINAT TM 8, stainless steel, one side covered with 50 micron polyester film)	> 600 h	at 23 °C
	> 10 h	at 70 °C
<b>Shelf life</b>	2 years	
<b>Application temperature</b>	> +15 °C	

\* average    \*\* in original packaging, at 20° C and 50% relative humidity

## Available Liner versions

TM                      Double-sided siliconised paper (90 g/m<sup>2</sup>, white with blue ORAFOL logo)

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