

# Specialties: MACdots D2044

## GENERAL INTRODUCTION

## PRODUCT DESCRIPTION

## TYPICAL APPLICATION

## RESISTANCE

## SHELF LIFE

## ADDITIONAL INFORMATION

### *Specialties*

- is a range of high technology self-adhesive products, developed for specific industrial applications, particularly in the medical, optical or security fields, etc.

**MACdots** is a unique concept of free film adhesive.

The adhesive layer is not continuous and consists of a micro screen pattern (dots).

This specific pattern is aimed to solve edge-picking problems. By simple pressure, the dot adhesive can be transferred as required to suit the required substrate shape(s).

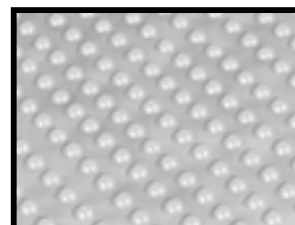
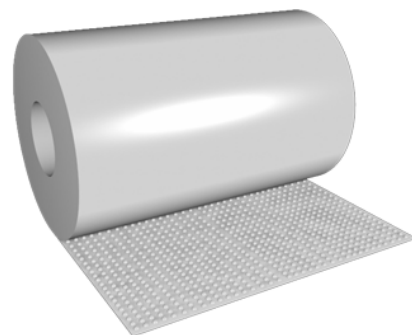
**MACdots D2044** is a free film of acrylic UV adhesive produced in self-wound format on a white Kraft release liner. It offers very good initial tack and peel properties.

Plasters in the Medical Industry

Resistant to water, detergents, alcohol. Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

2 years when stored at 15/25°C and 50% relative humidity.

**Skin contact approval:** The adhesive of D 2044 has been lab tested and its Primary Irritation Index ( P.I.I ) was calculated to be 0, « negligible irritation » in accordance with the criteria of ECETOC. ( = European Center for Ecotoxicology and Toxicology Of Chemicals ).



**ADHESIVE  
DATA**

	TYPICAL VALUES (*)	TEST METHOD
Quick Tack (N/25mm) on stainless steel	16	FTM 9
Peel 180°- (N/25mm) on stainless steel		
- after 20 minutes	19	FTM 1
- after 24 hours	18	FTM 1
Shear on stainless steel (hours) 1kg-25 mm x 25mm	2	FTM 8

**TEMPERATURE  
RESISTANCE**

Minimum application temperature	+ 10°C
End-use temperature range	-30°C to +100°C

*For temperatures outside those quoted above, please consult with MACtac.*

**RELEASE  
LINER**

Silicone paper white of 80 gr/sqm	ISO 536
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(\*) Values given are typical and are not necessarily for use in specifications.

**IMPORTANT NOTICE**

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