

# Specialties: OF 2429

**GENERAL INTRODUCTION**

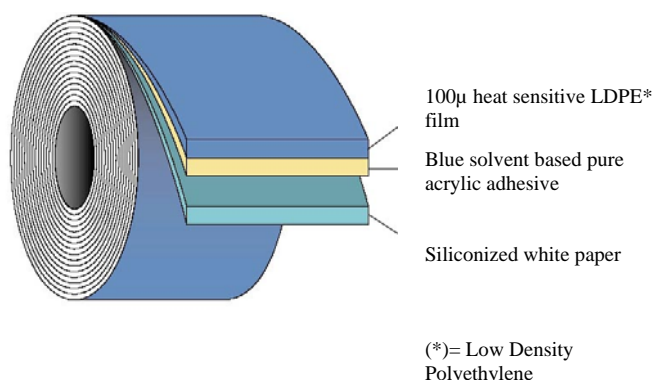
**Specialties**

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

**PRODUCT DESCRIPTION**

**OF 2429**

- Consists of a heat sensitive film coated with a blue acrylic adhesive.
- It offers moderate tack and adhesion properties and high cohesion.
- Is presented on a calendered paper liner.
- Has been especially designed for the fastening and protection of lenses during the forming stages, in the optical industry.



**TYPICAL APPLICATION**

Optical Industry: specially designed for the fastening and protection of lenses during the manufacturing process.

**CHARACTERISTICS**

Adhesion with Substrates			
Metal / Aluminium	Medium	Textile/Cotton	Medium
Glass / Ceramics	Medium	Rubber/EPDM	Medium
Painted Surface	Medium	Acrylic/PET	Medium
Wood/Board/Paper	Medium	Polystyrene	Medium
Soft PVC	Low	PP/PE/PS	Medium
Rigid PVC	Medium	Smooth substrate	Medium
PC/ABS	Medium	Rough substrate	Medium

**RESISTANCE**

Resistant to water, detergents, alcohol, aliphatic and some aromatic hydrocarbons. Medium resistance to plasticizers and low outdoor resistance. Not recommended for use in contact with aliphatic, aromatic chlorinated hydrocarbons, ketones, esters and chlorinated hydrocarbons. *For further technical advice, please consult with MACtac.*

**SHELF LIFE**

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

Contains more than 0.1% (w/w) of Bis (2-ethyl(hexyl)phthalate) (DEHP) CAS number 117-81-7. You can find more information on this substance on <http://www.dehp-facts.com/>

**ADHESIVE DATA**

	TYPICAL VALUES (*)	TEST METHOD
Quick Tack (N/25mm) on stainless steel	10	FTM 9
Peel 180°-20 min (N/25mm) on stainless steel		
- after 20 minutes	9	FTM 1
- after 24 hours	11	FTM 1
Shear (hours) 1kg-25 mm x 25mm	> 100	FTM 8

**FILM DATA**

	TYPICAL VALUES (*)	TEST METHOD
Thickness (µ)	100	ISO 534
Minimum activation Temperature	60°C	

**TEMPERATURE RESISTANCE**

Minimum application temperature	+ 15°C
End-use temperature range	- 40°C to + 90°C

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

**RELEASE LINER**

Silicone paper white of 65 gr/sqm	ISO 536
THICKNESS (Carrier+Adhesive) 134 µ	ISO 534

(\*) Values given are typical and are not necessarily for use in specifications.

**WARNING:** *With time, the alloy tends to age due to the deterioration of some components like lead, tin, bismuth and cadmium. If the deterioration level is too high, the alloy surface may become slightly porous, affecting the adhesion and possibly causing de-blocking problems. A too high temperature of the alloy may also cause damages and result in de-blocking issues. It is therefore recommended to maintain the melting temperature at its lowest level*

**IMPORTANT NOTICE**

All MACtac products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects. Published information concerning MACtac products are based upon research which the Company believes to be reliable but such information do not constitute a warranty. Because of the variety of possible uses for MACtac products and the continuing development of new uses, the purchaser should carefully consider the fitness and performance of the product for each intended use and the purchaser assumes all risks in connection with such use. Seller shall not be liable for damages in excess of the purchase price of the product or for incidental or consequential damages. All specifications are subject to change without prior notice.

