



# MS-FLEX 424

## WHITE, GREY, BLACK

**GELSON®**AZIENDA CON SISTEMA QUALITÀ  
CERTIFICATO DA DNV  
UNI EN ISO 9001

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### PRODUCT DATA SHEET

Rev. 0 dated 05/02/2018

**MS-FLEX 424** is a 1-component adhesive-sealant based on silane-terminated hybrid polymer, moisture-curing, odourless, with large spectrum of adherence, permanently elastic. It does not contain isocyanates, nor solvents, nor silicones.

This product finds application in sealing and bonding in industrial bodywork, building of vehicles, caravans, metal and railways construction. It also features outstanding performance in building construction, for sealing and fastening of panels, sections and insulating materials.

Adhesive on zinc, aluminium, steel, coated or primed surfaces, wood, glass, fiberglass, duroplastic and thermoplastic resins (with the exclusion of PE, PP, and PTFE).

Good moisture, weathering and UV resistance.

Application temperature: +5°C to +30°C

#### CHARACTERISTICS:

Appearance: thixotropic paste

Base: silane-terminated-polymer

Specific gravity:  $1.44 \pm 0.02 \text{ g/cm}^3$

Colours: White, black, grey

Temperature resistance: -40°C to +90°C (up to +120°C for short intervals)

Shore- A Hardness: 42

Elongation at break (DIN 53504):  $\geq 500\%$

Tear resistance (DIN 53504):  $20.0 \text{ N/mm}^2$

Tensile strength (DIN 53504):  $3.0 \text{ N/mm}^2$

#### INSTRUCTIONS FOR USE:

Thoroughly clean, dry and degrease the surfaces to be treated.

When necessary, sand and opacify the substrate. For improved appearance, the work zone can be limited with masking tape.

For enhancing adhesion on non-porous surfaces, pre-treat them with "Cleaner Activator per MS-Flex".

Can be painted over with most coatings immediately after the application and up to 4 hours after it.

Given the great number of coating formulations available, it is advisable to carry out a preventive test.

#### DRYING TIME:



Skin forming time (23°C, 50% r.h.): 25 minutes

Curing through (23°C, 50% r.h.): 3.0 mm after 24 h



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**STORAGE:**



The product can be stored, in its original packaging, for about 9 months at a temperature between 5 and 25° C.

**Please find available codes and packagings for this product on our corporate website**  
<http://www.gelson.it>

*The effectiveness of our products is based on practical experiences and research work carried out in our laboratories; nevertheless, we accept no liability for work carried out following our instructions being clear that the final result depends in all cases on a series of unforeseeable factors.*