



## MS-FLEX 416 SPRAY

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

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### TECHNICAL SHEET

Rev.4 dated 12/12/2016

One-component, moisture-curing adhesive-sealant, based on a silane-terminated hybrid polymer.

Excellent resistance against UV radiation and bad weather.

It is designed for sealing and coupling in heating and air-conditioning plants, industrial bodywork, vehicle and caravan construction, as well as metal and railway construction work. Ideal for overlaying plates inside cars, engine compartments and for sealing edges of doors and hoods.

Adheres on glass, zinc, steel, aluminium and many other metals, coated or primed surfaces, wood, minerals, duroplastic and thermoplastic polymers (except PE, PP, PTFE).

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

#### CHARACTERISTICS:

Appearance: pasty, thixotropic, sprayable

Base: silane-terminated-polymer

Density: 1.4 g/cm<sup>3</sup>

Resistance to temperature: -40°C to +80°C, with short peaks up to 120°C

Shore-A hardness: 47 N/mm<sup>2</sup> (DIN 53505)

Elongation at break: (DIN 53504): 250%

Modulus at 100% elongation (DIN53504): 0.5 N/mm<sup>2</sup>

Tear strength (DIN53515): 5.0 N/mm<sup>2</sup>

Tear strength (ASTM D 624): 7.7 N/mm<sup>2</sup>

Tensile strength (DIN 53504): 2.1 N/mm<sup>2</sup>

#### INSTRUCTIONS FOR USE:

Substrates must be clean, dry and dust free.

If necessary, sand and matt the substrate.

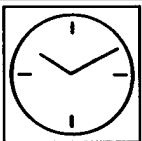
To improve the final appearance the application area can be marked off with masking tape.

Overcoat, if necessary, after no more than 2 hours from application with water-borne and solvent-borne basecoats. If the basecoat is applied more than two hours after the sealant, the latter must be matted.

To overcoat with powder paints, carry out a preliminary test to check the compatibility with the processing cycle. Apply using spray guns 85139 or 85130.

Avoid contact between the product and polyurethanes that are not completely cured.

#### DRYING TIME:



Skin forming time (23°C – 50% r.h.): 20 min

Curing through (23°C – 50% r.h.): 3 mm/24h

Overcoating lengthens the drying time.

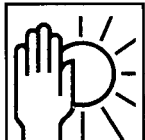


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### STORAGE:



In its original containers, the product can be stored for about 9 months in cool and dry conditions and at a temperature ranging between 5 and 25° C.

### AVAILABLE PACKAGINGS:

Code	Colour	Package
30406	Grey	310 ml Cartridge
30407	Beige	310 ml Cartridge

*The effectiveness of our products is based on practical experience and research carried out in our laboratories; nevertheless, we accept no liability for work carried out according to our instructions since it is understood that, in all cases, the final result depends on a number of unforeseeable factors.*