

## LIQUID GASKETING

For sealing of flat mating surfaces and flange joints of pumps, gearboxes, camshafts blocks, motor flanges. They replace pre-formed gaskets, allow greater machining tolerances, assure metal to metal contacting and dismantling with normal tools. They cure to flexible and/or elastic gaskets, resistant to vibrations, heat, oils and industrial fluids. The choice table meets right product demand on basis of requested strength and diameter or tolerance of connections.



| PRODUCT | Class of locking * | Max. gap filling | Viscosity 25°C mPa.s (MT - HT) | Color ** | Curing time        |                    | Adhesive strength                   |                                       |                                       | Temperature range (°C) |
|---------|--------------------|------------------|--------------------------------|----------|--------------------|--------------------|-------------------------------------|---------------------------------------|---------------------------------------|------------------------|
|         |                    |                  |                                |          | handling (minutes) | functional (hours) | shear ASTM D-1002 N/mm <sup>2</sup> | tensile ASTM D-2095 N/mm <sup>2</sup> | impact ASTM D-950 N.m/mm <sup>2</sup> |                        |
| 28-10   | 1                  | 0,30mm - .012"   | 17 - 50 HT                     | Green/F  | 20 - 40            | 3 - 6              | 4 - 6                               | 2 - 4                                 | 4 - 8                                 | -55 +150               |
| 59-30   | 1                  | 3 mm - .120"     | Paste                          | Red      | 60 - 120           | 2 - 4              | —                                   | 2 - 3                                 | —                                     | -60 +275               |
| 58-14   | 2                  | 0,50mm - .020"   | 30 - 100 HT                    | Orange/F | 15 - 30            | 3 - 6              | 5 - 10                              | 5 - 8                                 | 5 - 10                                | -55 +150               |
| 58-31   | 2                  | 0,50mm - .020"   | 50 - 250 HT                    | Red/F    | 10 - 20            | 1 - 3              | 8 - 13                              | 7 - 10                                | 8 - 15                                | -55 +150               |
| 59-10   | 2                  | 0,50mm - .020"   | 70 - 300 HT                    | Red/F    | 15 - 30            | 3 - 6              | 5 - 10                              | 6 - 8                                 | 5 - 10                                | -55 +200               |

### CLASS OF LOCKING:

- 1- Low, easy to dismantle
- 2- Medium, possible to dismantle
- 3- High, permanent locking

### VISCOSITY BROOKFIELD:

- HT- High thixotropy  
MT- Medium thixotropy

### LOCKING TORQUE:

- Bolt M10 x 20  
Quality 8,8  
Nut = 0,8d

### COLOR:

- F = Fluorescent under blue light.

## SUGGESTED APPLICATIONS

**28-10** Anaerobic curing adhesive for the gasketing and sealing of flexible flanges, precise joints. Replaces solid gaskets, gives elastic cured films. Seals against gases, water, LPG, hydrocarbons, oils and other chemicals. Thixotropic property prevents migration of the sealant before or during curing. Shocks and vibrations resistant.

**58-14** Anaerobic curing adhesive for the gasketing and sealing flanges and small to medium size gear boxes. Replaces solid gaskets, gives flexible cured films and seals against gases, water, LPG, hydrocarbons, oils and other chemicals. Thixotropic property prevents migration of the sealant before or during curing. Shocks and vibrations resistant.

**58-31** Anaerobic curing adhesive for the gasketing and sealing flanges. High adhesion, high performance. Replaces solid gaskets, gives flexible cured films and seals against gases, water, LPG, hydrocarbons, oils and other chemicals. Thixotropic property prevents migration of the sealant before or during curing. Shocks and vibrations resistant.

**59-10** Heavy duty anaerobic curing adhesive for sealing of flat mating surfaces and flange joints of pumps, gearboxes, camshafts blocks, motor flanges. Replaces pre-formed gaskets, allows greater machining tolerances, assures metal to metal contacting and dismantling with normal tools. Highly resistant to vibrations, heat, water, gases, LPG, oils, hydrocarbons and many chemicals.

**59-20** One-component moisture silicon based sealant and adhesive, releasing non corrosive and odorless by-products. Provides an extremely flexible gasket between surfaces made of various materials (metals, plastics, glass, ceramics). Suitable for sealing gear boxes, pumps and motor flanges, oil and water containers, air forced pipes. Highly resistant to oils. Resistant to vibrations, thermal shocks, pressurized air, water, gases, LPG and several chemicals. Sealed parts can be disassembled using normal tools.

**59-30** High temperature one-component moisture curing acetic silicon sealant by reaction. Suitable for sealing gear boxes, pumps, motor and compressor flanges, hot fluid pipes. Provides an extremely flexible gasket between surfaces and resists to vibrations, thermal shocks, water, gases, LPG, oils and several chemicals. Keeps its sealing properties within temperatures of -60° and +275°C with peaks up to 350°C. Sealed parts can be disassembled using normal tools.

