



## MICRO-ENCAPSULATED-SCOTCH GRIP

### Description

It is an application of a micro-encapsulated coating over the surface of a male thread; the adhesive coating is inert and dry to the touch.

The micro-capsules burst during the assembly of the tightened component, producing a safe locking effect between the mated components with high resistance and good adhesive unión.

There are two types:

#### Micro-encapsulated reactive:

- Scotch grip 2353(blue)
- Scotch grip 2510 (orange)

#### Micro-encapsulated non reactive:

- Scotch grip 4291(white)

### General properties

#### Scotch grip 2353

- High efficiency to locking effect and sealing.
- Optimun for coating of material like steel, aluminium, stainless steel brass, copper and plastics.
- Good adhesión after 24h curing at room temperature
- Coeficient of friction 0,16 to 0,18
- Temperature -60 up to + 150°C

#### Scotch grip 2510

- Special for service temperatures up to 200 °C
- Complete curing at 72h at room temperature
- Coefficient of friction 0,26 to 0,28
- Temperature -40 up to +200 °c
- Limited resistance to ouis and organic solvents

#### Scotch grip 4291

- High tightness performance
- Resistance up to 149°C.
- White colour
- It can be used in pipes and squire thread profiles
- Excellent resistance to automotive fluids
- Good resistance to high pressure conditions



Parts with Scotch-grip 2353



Parts with Scotch-grip 2510



Parts with Scotch-grip 4291

**THIS TREATMENT IS APPLIED DIRECTLY IN LINE OR IN COMBINATION WITH PREVIOUS AND SUBSEQUENT APPLICATIONS.**

**GALOL S.A. offers the possibility to reduce logistic costs between the different operations of manufacturing of the part.**



### Application technology

360 circular application around the thread 360°

### Standards and specs

#### Scotch grip 2353/ 2510

- BS 7795:1995
- 6175 GM
- FORD WX200, WX201
- ROVER RES.22.FP.01

#### Scotch grip 4291

- GM 9985490
- WSS-M18P12-A
- FORD WX201
- CHRYSLER MSCD16 RES.22.FP.01

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