



GLISS[®] F

TECHNICAL INFORMATION

GLISS[®] F reduces the friction generated during insertion of electrical cables, telephone cables, coaxial cables and **cables in optical fiber** by up to 90%.

GLISS[®] F, because of its consistency, fluidity and **very low level of evaporation** is recommended for the laying of cables in plastic piping, even for lengths measuring several Km without breaks (uninterrupted lengths of up to 6,000 m have been laid). Technical documentation is available on the laying of optical fiber cables.

GLISS[®] F may be used for the installation of optic fiber cables by means of the lubricated baton system, using a winch to pull the cables by controlled force. **(recommended use)**

In this case the piping must be pre-lubricated by pouring **GLISS[®] F** directly onto the cable during installation.

GLISS[®] F may also be used with automatic cable insertion machines operating with compressed air.

In this case too, the piping needs to be pre-lubricated.

The use of a compressed air automatic system considerably reduces the quantity of lubricant consumed.

Consumption of **GLISS[®] F** depends on the diameter and weight of the cable, as well as on the diameter of the piping into which the cable is to be inserted, etc.

Consumption normally varies from 5 to 10 grams per meter.

- **GLISS[®] F** maintains its lubricant effect even years after the original application.
- **GLISS[®] F** protects cables against pollution.
- **GLISS[®] F** adheres perfectly to the cable surface.
- **GLISS[®] F** retains its lubricating power even when water is present.
- **GLISS[®] F** can be used for any type of cable.

TECHNICAL SPECIFICATIONS

Appearance	fluid semi-transparent blue or green-colored liquid
Odour	slightly soapy
Viscosity at 20C°	45 - 65 sec. measured with a Ford cup 2 mm Ø nozzle
Specific weight	1,020 - 1,050 gr/cm ³
pH	8
Flammability	not flammable
Usage temperature	-20 - +65° C.
Biodegradability	biodegradability higher than 95%
Toxicity	non-toxic
WGK	1 (according to 2000 German and British standards)

PACKAGING:

Cod. VGLISS F 1

1-litre bottles in cardboard boxes each containing 15 bottles

Cod. VGLISS F 5 – 10 – 20 – 25

5-10-20-25 liter cans



S LUB 20

TECHNICAL INFORMATION

S LUB 20 is a special lubricant for fiber optical installation for min and micro cable with blowing machine. It's a water emulsion of different kind of polymers.

S LUB 20 is a water base product with high efficiency of lubricant. It's reduce dramatically the friction. S LUB is white liquid little viscosity.

S LUB 20 adhere perfectly at the cable surface or at the internal surface of the pipe. It's leave a very tiny film of lubricant and does not make the glue effect. Product Use: Cable and Duct Prelubrication

Use:

Shake the bottle before use, then put the product inside in the pipe. Then pre-lubricant the pipe with a little piece of sponge.

The product is also suitable for blowing machine with oil dispenser to lubricating the fiber during the pushing.

The S LUB 20, also can be useful to lubricate the fiber optic before or after blowing machine. It's depend on the appliance with iron wheel or with rubber wheel.

Technical Specification:

Aspect	White liquid tiny viscosity
Odour	none
Viscosity	120 sec. Ford cup diam. mm 4 at 20C°
Specific gravity	1,030 +- 0,03 gr/cm ³
pH	7,5 +- 0,5
Inflammability	non infiammabile
Temperature	-5° + 70° C.
Biodegradability	il prodotto è biodegradabile
Toxic	The product is not toxic.



BIOSOL 19

BIOSOL 19 is the new innovative version of Biosol 95 at a more competitive price. It is a synthetic solvent. Useful for removing the protective patina of filling gels (petrol-jelly) from copper or fibre optic telephone cables.

It also eliminates grease and dirt from mechanical, electrical and electronic parts.

- ✓ It is a solvent used instead of trichloroethane which is considered to be a health hazard.
- ✓ It may be used in place of fluorated solvents to clean electronic circuit.

Dielectric strength up to 30kV/mm