



CABLE LUBRICANT

9794-GEL

9794-GEL is a high-performance cable lubricant developed to reduce friction during the installation of large and heavy power cables in ducts.

The product is particularly well suited for demanding cable pulls in plastic or concrete ducts, where friction would otherwise risk complicating or even preventing installation.

The clear blue gel reduces friction by up to 80% and is primarily used for the installation of large cross-section power cables – a proven and common application within both infrastructure and industrial environments. 9794-GEL complements other lubricants in the product range and has been developed for situations where standard solutions are not sufficient.

The formulation is based on water and glycol, which act both as lubricants and as carriers for additional friction-reducing agents. This makes the gel especially effective for long pulls and high mechanical loads. After application, the water evaporates, leaving a long-lasting lubricating film on the cable, which also facilitates future replacement or the addition of cables in the same duct.

Unlike some gel-based products, no adhesive effect occurs when the water evaporates – the cables do not stick to each other.

Use: Apply 9794-GEL directly onto the cable using a sponge or similar applicator, then proceed with the installation.

- Optimized for large power cables pulled in ducts
- Reduces friction by up to 80%
- Effective in plastic and concrete ducts
- Long-lasting lubricating film after application
- No adhesive effect after evaporation
- Non-toxic, biodegradable, and non-flammable



TECHNICAL DATA	
Appearance	Clear blue gel
Odor	None
Viscosity	Approx. 30,000 cP
Specific gravity	Approx. 1 g/cm ³
pH value	7 (neutral)
Operating temperature	-15°C / +50°C
Toxicity	Non-toxic
Environmental classification	WGK1

PACKAGING	
1L	Bottle
5L	Bucket
15L	Bucket
25L	Bucket
1000L	IBC Tank





PNEUMATIC PUMP FOR 9794-LUBE

The industrial pneumatic pump 9794-600 is designed for the efficient distribution of cable lubricants in the 9794 series over medium and long distances. The pump is specifically adapted for lubricants with both medium and high viscosity, making it well suited for products used in extended cable installations where a consistent and continuous supply of lubricant is required.

It is ideal for:

- Distribution over medium and long distances
- Handling high-viscosity, **gel-based** cable lubricants
- Installations where a constant and stable lubricant supply is essential

The pump was originally developed for handling:

- Medium- to high-viscosity oils
- Glycol and antifreeze fluids
- General lubricants

This means the pump delivers sufficient power and flow capacity to move even highly viscous cable lubricants through a dispensing system without pressure loss or pulsation.

The pump body is manufactured from carbon steel, providing mechanical strength and long service life. The seals are made of NBR rubber, a material well suited for oils and lubricants. The air motor is constructed from aluminum, contributing to low weight and excellent corrosion resistance. Both the piston and the shaft are made of carbon steel, ensuring stable operation and high wear resistance—qualities required in demanding industrial applications.

The pump is equipped with:

- An extendable and adjustable suction tube
- A pressure regulator

TECHNICAL DATA	
Maximum flow	14 l/min
Maximum pressure	20 bar
Maximum temperature	80 °C
Maximum viscosity	approx. 1500 cps
Maximum supply pressure	8 bar
Weight	5,00 kg
Maximum density	1,9 kg/dm ³
Maximum cycle rate	380/min
Output duct diameter	1/2" female gas thread
Air supply diameter	1/4" female gas thread
Air consumption	620 Nl/min
Suction tube length (depth)	285–1200 mm

