SINGLE-USE VFI CANNULAS

FOR SILICONE OIL INJECTION AND ASPIRATION

- Thin-walled polyimide cannulas
- Up to 4x higher flow rate
- Up to 75 % time saving
- Higher effiency at same quality
- High strength of tips
- Chemically inert and resistant to solvents and oils

Geuder®
Precision made in Germany

SINGLE-USE VFI CANNULAS

UP TO FOUR TIMES HIGHER FLOW RATE IN SILICONE OIL INJECTION AND ASPIRATION WITH THIN WALLED POLYIMIDE CANNULAS

Due to the thin walls of the cannula made of polyimide (PI) the inner diameter is enlarged, resulting in significantly higher flow rates. According to Hagen-Poiseuille, the inner diameter is the essential factor for a high flow rate. In addition, the material is chemically inert and therefore resistant to solvents and oils. Along with its strength properties, PI is an ideal material for the injection (*VFI - Vitreous Fluid Injection*) and aspiration *(VFE – Vitreous Fluid Extraction)* of viscous liquids such as silicone oils.

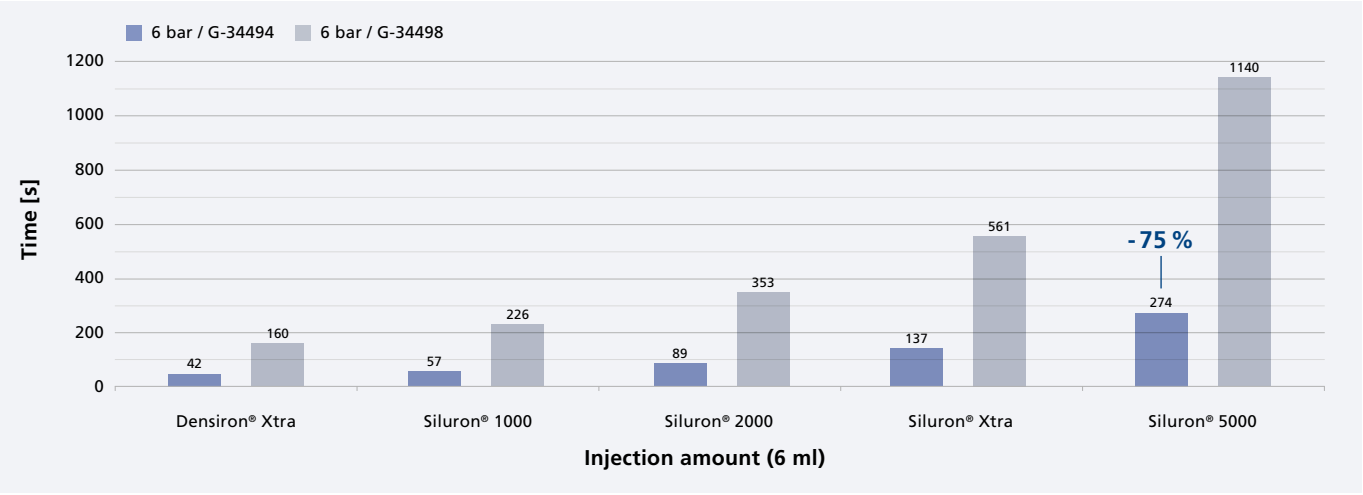
Our VFI / VFE cannulas are available in 20G, 23G, 25G and 27G and can be used with all suitable trocar systems of the same size. The cannulas can be attached to any syringe, extension tube or injection system with Luer-Lock connection.

SINGLE-USE VFI CANNULA
for silicone oil injection / aspiration,
polyimide tip 6 mm, thin-walled
10 pcs per box, sterile
G-34493..... 20 gauge / 0.9 mm
G-34494..... 23 gauge / 0.6 mm
G-34495..... 25 gauge / 0.5 mm
G-34496..... 27 gauge / 0.4 mm

G-28766
SINGLE-USE OIL INJECTION SYSTEM
to inject silicone oil pneumatically,
with protective cover for glass syringe,
pressure tube fits megaTRON® S3 / S4 HPS,
Pentasys® 2, sterile

UP TO 75 % TIME SAVING IN COMPARISON

Compared to conventional metal cannulas, the time saved during injection of silicone oils using the polyimide cannulas (PI) is considerably higher. Various silicone oils by Fluoron were used to determine the injection time. The results show that, on average, the same amount of oil can be injected in just 1/4 of the conventional time. Consequently surgeons can increase the efficiency of silicone oil injection (and also aspiration).



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GEUDER AG reserves the right to make changes to technical details in response to recent developments. GEUDER does not assume liability for the accuracy of each individual statement.

Illustrations not drawn to scale.

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