



EXEL EXELENSTM

– fixed length handles

The Exelens™ fixed length handles combine composite glassfibre tubes with a variety of handgrips and end connectors to provide a ready made solution for all your needs.

Exelens composite tubes

The Exelens **high-quality surface** finish is smooth and warm even in cold and wet conditions. Composite properties are maximized by the advanced Exel Pull-winding process which ensures maximum strength and stiffness.

Large range of accessories

The composite glassfibre tubes are combined with a variety **of coloured handgrips and end connectors**. Over 30 different end plugs and adapters fit any of the available tube sizes.

Branding

Make your handle stand out from the rest by adding your brand/company logo (silkscreen printing, tampo printing, laser printing) or have the handles produced to your corporate colours or incorporate your own design eg. handgrip.





Light weight, yet strong, composite tubes are easy to keep clean and sterilize.

Benefits with composites

- **Pleasant to touch.** Exelens high-quality surface finish is smooth and warm even in cold and wet conditions.
- **Hygienic.** Easy to keep clean and sterilize. Withstands 140°C (284°F) steam in autoclaves.
- **Antibacterial.** Protector handles inhibit bacteria growth and reproduction.
- **Durable and long lasting.** Provides long term cost savings.
- **Lightweight, yet strong.** Composite properties maximized by advanced Exel Pull-Winding process, ensuring maximum strength and stiffness.
- **Electrical characteristics.** Glassfibre is an insulator whilst Carbon fibre is an electrical conductor.
- **Corrosion and rot free.** Polyester and vinylester resins are impervious to most chemicals and everyday pollutants.
- **Colourful.** Standard colours are white, yellow, red, grey, blue, green and black. Other RAL-colours available to special order, incl. wood imitation.
- **Thermally stable.** Dimensionally stable in all weather conditions.
- **Anti-static.** If required in e.g. for the mining and semi conductor industries anti-static properties can be added.

Applications

Professional and domestic cleaning; brushes, mops • Garden tools; rakes, brushes, hoes, trimmers, show shovels • Sport and leisure; fishing tackle, golf rakes, golf umbrellas, boat hooks, mooring equipment • Infrastructure maintenance; testing and sampling equipment, measuring equipment

GLASS EXELENS

Ideal solution for hand tool industry

Advantages

High chemical resistance
Light weight
Thermally stable
Hygienic

Material

Glassfibre tube

Colours

Yellow RAL1018
Blue RAL5005
Green RAL6001
Red RAL3000
Marble grey RAL7001
White RAL9010
Black RAL9011
Other colours available to special order

EXELENS™ HANDLES

Exelens™ handles are supplied in the following tube sizes:

Diametres (OD/ID)

Ø 22.0/19.5 mm (0.866"/0.768")
Ø 23.5/20.5 mm (0.925"/0.807")
Ø 25.0/22.0 mm (0.984"/0.866")
Ø 25.4/22.0 mm (1.000"/0.866")
Ø 23.5/19.5 mm (0.925"/0.768")
Ø 25.0/20.5 mm (0.984"/0.807")

OD = outer diameter, ID = inner diameter

Thicker walls can be produced for heavy duty applications (EH series).

The handle lengths are determined by the customer – standard being from 700 mm (28") up to 1550 mm (60").