

EXEL EXELENSTM AND EXELENSECOSTM – FIXED LENGTH HANDLES



The Exelens™ 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 tube surface** finish is hygienic and pleasant to touch in all conditions. Composite properties are maximized by the advanced Exel Pull-Winding process which ensures maximum strength and stiffness. Exelens™ handles are available also with special built-in features, like antimicrobial treatment or FDA compliance.

A ready-assembled tool handle solution

The composite glassfibre tubes are combined with a **variety of coloured handgrips and end connectors** at our automated ISO 9001 certified assembly line. Tens of different end plugs and adapters fit any of the available tube sizes. In addition to this, Exel offers assembly services for customer's own accessories.

All company logos, trade marks and EAN/UPS/QR codes can be printed to **identify your brand**. Our tailor-made silk printing equipment is optimized for tube printing, also with multiple colours. Laser-, tampon and ink jet printing methods are also available for tubes and moulded parts. Composite tubes can be tolerance cut or drilled.





NEW

Exelens Eco tool handles

Glass Exelens™ tube

IDEAL SOLUTION FOR HAND TOOL INDUSTRY

Advantages

High chemical resistance
Light weight
Thermally stable
Hygienic
Material
Glassfibre tube

Colours

Exelens™ colours according to RAL or Pantone code.
Exelens Eco™ colours Marble grey RAL7001 and White RAL 9010 with black handgrip.

Exelens™ and Exelens Eco™ fixed length handles

Composite tube assembled with handgrip, thread, end plug, or adapter

Tube diametres (OD/ID)

Ø 22/19.5mm (0.87"/0.77")
Ø 23.5/20.5mm (0.93"/0.81")
Ø 25/22mm (0.98"/0.87")
Ø 25.4/22mm (1.00"/0.87")

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

Length is determined by the customer—standard being from 700 mm (2.3ft) to 1550 mm (5.1ft)

Note Exelens Eco™ minimum order 20.000 pcs.

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.
- **Antimicrobial.** Silver ions inhibit the bacteria growth on the surface by penetrating the cell membrane.
- **Durable and long lasting.** Provides long term cost savings.
- **Lightweight, yet strong.** Composite properties maximized by advanced Exel Pull-Winding process, ensuring maximum strenght and stiffness.
- **Electrical characteristics.** Glassfibre is an insulator (note: carbon fibre is an electrical conductor)
- **Corrosion and rot free.** Polyester and vinylester resins are impervious to most chemicals and everyday pollutants.
- **Colourful.** Colours according to RAL or Pantone colour codes are available. Colour stays deep and bright, since it is integrated in the tube structure.
- **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.
- **FDA compliant.** Manufactured according to U.S. Food and Drug Administration regulations.

Applications

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