



EXEL EXTENDER TELESCOPIC SYSTEM™

– grows with its mission

In the design of the Extender™ telescope special attention was given to combine ergonomics with technical performance. Two or three part units have up to six metres (19 ft) reach potential.

Extender composite tubes

Extender composite tubes are glassfibre, carbon fibre or glassfibre / aluminium based. The shape of the tubes can be either trioval or round (aluminium only round).

Extender™ Trioval System™

The Extender™ Trioval System™ is the most versatile telescope system – the customer chooses the tube shapes to fit the application. The Extender™ Trioval System™ prevents rotation of the tubes during operation. Slides easily when lock is in open position. Provides a comfortable, ergonomic trioval handgrip, no separate handgrip is needed.

Locking system

Two or three part units are available with a simple, yet efficient, positive clamp lock between each section. Effective stoppers ensure a strong locking force.





EXEL Extender Series

The Extender™ telescope varies from two section unit extending to 4100 mm (13.5 ft) through to a three section unit reaching up to 5500 mm (18 ft). The length of the telescope unit depends on the tubes chosen.

Item	No. of sections	Diametres (mm)	Closed length (retracted mm)	Open length (extended mm)	Weight (kg) glass
EX-2/28.22mm	2	22, 28	1000	1827	0.44
EX-2/28.23.5mm	2	22, 28	1000	1827	0.44
EX-2/28.tri22mm	2	22, 28	1000	1827	0.44
EX-2/28.alu22mm	2	22, 28	1000	1827	0.44
EX-2/tri28.22mm	2	22, 28	1000	1827	0.44
EX-2/tri28.23.5mm	2	22, 28	1000	1827	0.44
EX-2/tri28.alu22mm	2	22, 28	1000	1827	0.44
EX-2/tri28.tri22mm	2	22, 28	1000	1827	0.44
EX-3/34.22mm	3	22, 28, 34	1000	2573	0.72
EX-3/34.23.5mm	3	22, 28, 34	1000	2573	0.72
EX-3/34.tri22mm	3	22, 28, 34	1000	2573	0.72
EX-3/34.alu22mm	3	22, 28, 34	1000	2573	0.72
EX-3/tri34.22mm	3	22, 28, 34	1000	2573	0.72
EX-3/tri34.23.5mm	3	22, 28, 34	1000	2573	0.72
EX-3/tri34.tri22mm	3	22, 28, 34	1000	2573	0.72
EX-3/tri34.alu22mm	3	22, 28, 34	1000	2573	0.72

Some examples of the Extender™ combinations. Complete length and weight tables are available on request. The min. length (retracted) between 500 mm and 2000 mm. Tubes are assembled with locking parts and a handgrip 28 mm.

Applications

Professional and residential cleaning; mopping, window cleaning, vehicle cleaning, low pressure poles, vacuuming • Maintenance and testing; light bulb changing, grinding, paint rollers, industrial tools, airplane de-icing equipment, smoke detector testing • Sports and leisure; boat hooks, mooring equipment, umbrellas and tent structures, event flag poles, golf equipment • Defence and protection industry; metal and mine detectors, inspection mirrors, emergency lighting poles, railway lighting poles, tripods

EXTENDER TUBE OPTIONS

Material

- Glassfibre
- Carbon fibre
- Aluminium/glassfibre

Standard tube diametres (OD/ID)

- Tri34/31 or Ø34/31 mm (1.34/1.22")
- Tri28/25.3 or Ø28/25.3 mm (1.10/1.00")
- Tri22/19.3 or Ø22/19.3 mm (0.87/0.75")
- Ø23,5 mm (round tube only) (0.92")

GLASS EXTENDER

Ideal for work where non-rotation of the tubes is essential

Key advantages

- Light weight
- Electrically isolative
- High chemical resistance

Material

Glass composite tubes with clamp locks

Standard colours

- White RAL9010
 - Yellow RAL1018
 - Red RAL3000
 - Grey RAL7001
 - Blue RAL5005
 - Green RAL6001
 - Black RAL9011
- Other RAL-colours available to special order*

CARBON EXTENDER

To meet specific customer demands – eg. long reach applications or the sales advantage of a carbon fibre product (sports equipment)

Advantages

- Lightweight
- Strong and stiff

Material

Carbon composite tubes with clamp locks

Standard colour

Black RAL9004

GLASS/ALUMINIUM EXTENDER

Where customers have specific demands connecting the telescope to their equipment the top tube can be aluminium

LOCKING SYSTEM

- Clamp locking
- Lever with Extender or your corporate logo or blank
- Lever adjustable and replaceable