

EXEL XTEL SYSTEM™ – FOR HIGH REACH APPLICATIONS



Exel Composites manufactures complete telescopic pole system for **all high reach applications at different heights**. Xtel™ range consists of several different material combinations providing the most optimal user experience for multiple applications.

Xtel™ composite tubes

Exel's advanced Pull-Winding technology and long experience in developing and producing composite products ensures the best composite tube options for various heights. The emphasis in designing the new poles was to ease pole management by reducing the weights and increasing the number of sections for shorter transportation length.

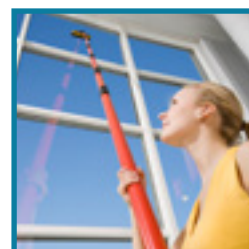
Innovative locking system

Xtel™ locking system ensures

- Ease of use; smart clamping lock allows simple one hand operation
- Strong locking force
- Clamp guard to prevent accidental release

The locking system is available in two types

- Heavy Duty (HD) with its polymer-metal construction give a superior locking force
- Standard (ST) uses an improved polymer to provide a strong locking force



XTEL™ TUBE OPTIONS

Material

- Glassfibre
- Hybrid-V2 (glass/carbon combination)
- Carbon fibre

Sizes, OD

- 18 mm (0.71") • 22 mm (0.87")
- 26 mm (1.05") • 30 mm (1.18")
- 34 mm (1.34") • 38 mm (1.47")
- 42 mm (1.65") • 46 mm (1.81")
- 50 mm (1.97") • 54 mm (2.13")
- 58 mm (2.28") • 63 mm (2.48")

XTEL™ LOCKING OPTIONS

Heavy Duty (HD)

- Superior locking force
- Polymer-metal construction
- Operation temperature -30° - +80°C (-58-+176°F)

Standard (ST)

- Strong locking force
- Polymer construction
- Operation temperature -30° - +80°C (-58-+176°F)

Patented



XTEL™ HEAVY DUTY
LOCKING (HD)



XTEL™ STANDARD
LOCKING (ST)

GLASS Xtel™ (GXTEL) Economical solution for moderate heights

Key advantages

Electrically isolative
High chemical resistance

Material

Glass composite tubes,
1.5 mm wall thickness,
with HD or ST clamp lock

Standard colour

Light grey RAL7040

Item	No. of sections	Min. length (closed)		Max. length (extended)		Weight	
		mm	feet	mm	feet	kg	lb
GXTEL-2/26.22id18	2	1500	4.9	2800	9	0.69	1.52
GXTEL-3/30.22id18	3	1500	4.9	4000	13	1.07	2.36
GXTEL-4/34.22id18	4	1500	4.9	5200	17	1.48	3.26
GXTEL-4/34.22id18	4	1800	5.9	6000	20	1.77	3.90
GXTEL-5/38.22id18	5	1800	5.9	7200	24	2.30	5.07
GXTEL-6/42.22id18	6	1800	5.9	8400	27	2.85	6.28
GXTEL-7/46.22id18	7	1800	5.9	9400	30	3.41	7.52

HYBRID Xtel™ (HXTEL)

This pole incorporates the advantages of carbon fibre and glassfibre. New thinner wall thickness.

Key advantages

Lightweight Rigid

Material

Hybrid composite tubes- 1.5 mm wall thickness,
with fabric surface- 1.25 mm with diamond shape
HD or ST clamp lock

Standard colour

Black/carbon look with diamond shape RAL9011

Item	No. of sections	Min. length (closed)		Max. length (extended)		Weight	
		mm	feet	mm	feet	kg	lb
HXTEL-V2-5/38.22id19.5	5	1800	5.9	7650	25	1.67	3.68
HXTEL-V2-6/42.22id19.5	6	1800	5.9	8860	29	2.1	4.63
HXTEL-V2-7/48.22id19.5	7	1800	5.9	9960	33	2.5	5.51
HXTEL-V2-8/50.22id19.5	8	1800	5.9	10960	36	3.0	6.61

CARBON Xtel™ (CXTEL)

For demanding heights

Key advantages

Full carbon: strong and stiff
Wear resistance
Impact strength

Material

Carbon composite tubes, 1.5 mm wall thickness,
with HD or ST clamp lock. The outermost tube is
always of glass fibre for isolative purposes

Standard colour

Black RAL9011

Item	No. of sections	Min. length (closed)		Max. length (extended)		Weight	
		mm	feet	mm	feet	kg	lb
CXTEL-9/54.22id18	9	2050	6.7	14000	45	4.7	10.36
CXTEL-9/54.22id18	9	2600	8.5	18000	60	5.95	13.12



reddot design award
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