FCST Communication

Better FTTx, Better Life.



October, 2025

Technical Information

FCST-EDP
Expanding Duct Plug

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Expanding Duct Plug

Expanding Duct Plug is used to seal an open pipeline, people well, building, glass steel and other hand-hole connection, guarantee against the sewage,garbage, and gas ingress.

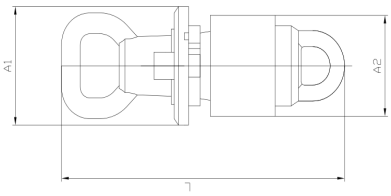


- **Small size, accurate and quick use.**
- **The product is injection molded, with good toughness.**
- **Strong hardness, large load, impact resistance, corrosion resistance, aging resistance.**

Product Specifications

Construction	Description
Material	Body: ABS Gasket: EPDM (Silicon)
Gas Tightness	Leakage at 0.5 bar gas pressure: 1ml/minute approx (IEC 60068-2-17)
Operating Temperature	-20~+60℃
Size	32 | 40 | 50mm
Packing	32mm:300pcs/cnt 8.5kg 0.031CBM(0.35*0.25*0.35m)
	40mm:300pcs/cnt 10.9kg 0.031CBM(0.35*0.25*0.35m)
	50mm:200pcs/cnt 10.2kg 0.031CBM(0.35*0.25*0.35m)

Ordering Information



Model	Duct OD(mm)	A1 (mm)	A2 (mm)	L (mm)	Sealing Range(mm)	Weight(g)
FCST-EDP32	32	47.8±0.2	25±0.2	94.5±0.5	25.5-29	28±5%
FCST-EDP40	40	47.8±0.2	31.5±0.2	94.5±0.5	29-38	36±5%
FCST-EDP50	50	47.8±0.2	39±0.2	94.5±0.5	37.5-46.5	50±5%

Related Products


Telecom Manhole Chamber

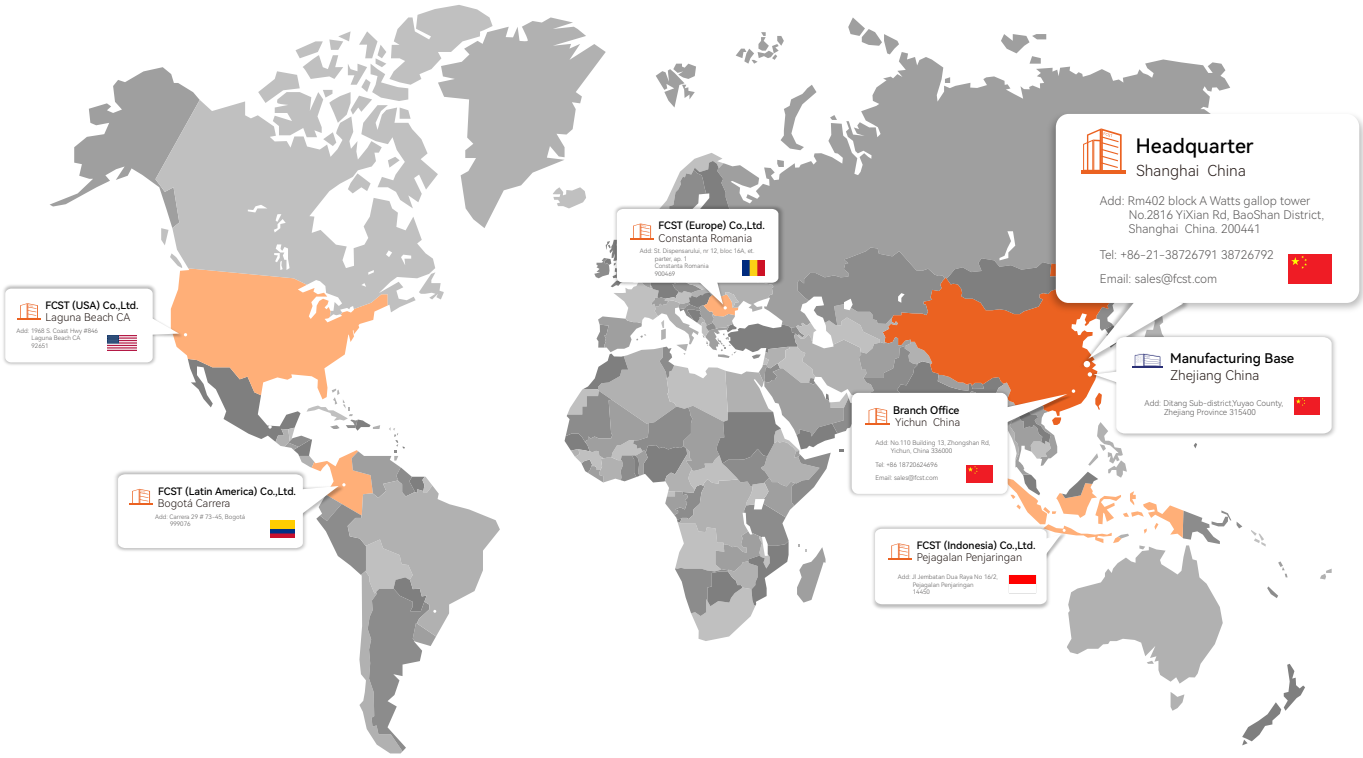

Microduct Connector


Divisible Duct Sealing


Marker Ball

Better FTTx, Better Life.

Fiber Cable Solution Technology Co.,Ltd.



FCST - Better FTTx, Better Life.

At FCST, we manufacture top-quality microduct connectors, microduct closure, telecom manhole chambers and fiber splice boxes since 2003. Our products boast superior resistance to failure, corrosion, and deposits, and are designed for high performance in extreme temperatures. We prioritize sustainability with mechanical couplers and long-lasting durabili-ty.

FCST aspires to a more connected world, believing everyone deserves access to high-speed broadband. We're dedicat-ed to expanding globally, evolving our products, and tackling modern challenges with innovative solutions. As technology advances and connects billions more devices, FCST helps developing regions leapfrog outdated technologies with sustainable solutions, evolving from a small company to a global leader in future fiber cable needs.

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