



Better FTTx, Better Life.



October, 2025

Technical Information

FCST-EDP(Y) Expanding Duct Plug

M:+86 18720624696
Email:sales@fcst.com
Tel:+86-21-38726791 38726792

www.fcst.com

www.micro-duct.com





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.

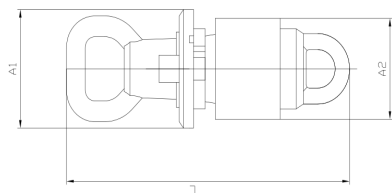


Product Specifications

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°C	
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

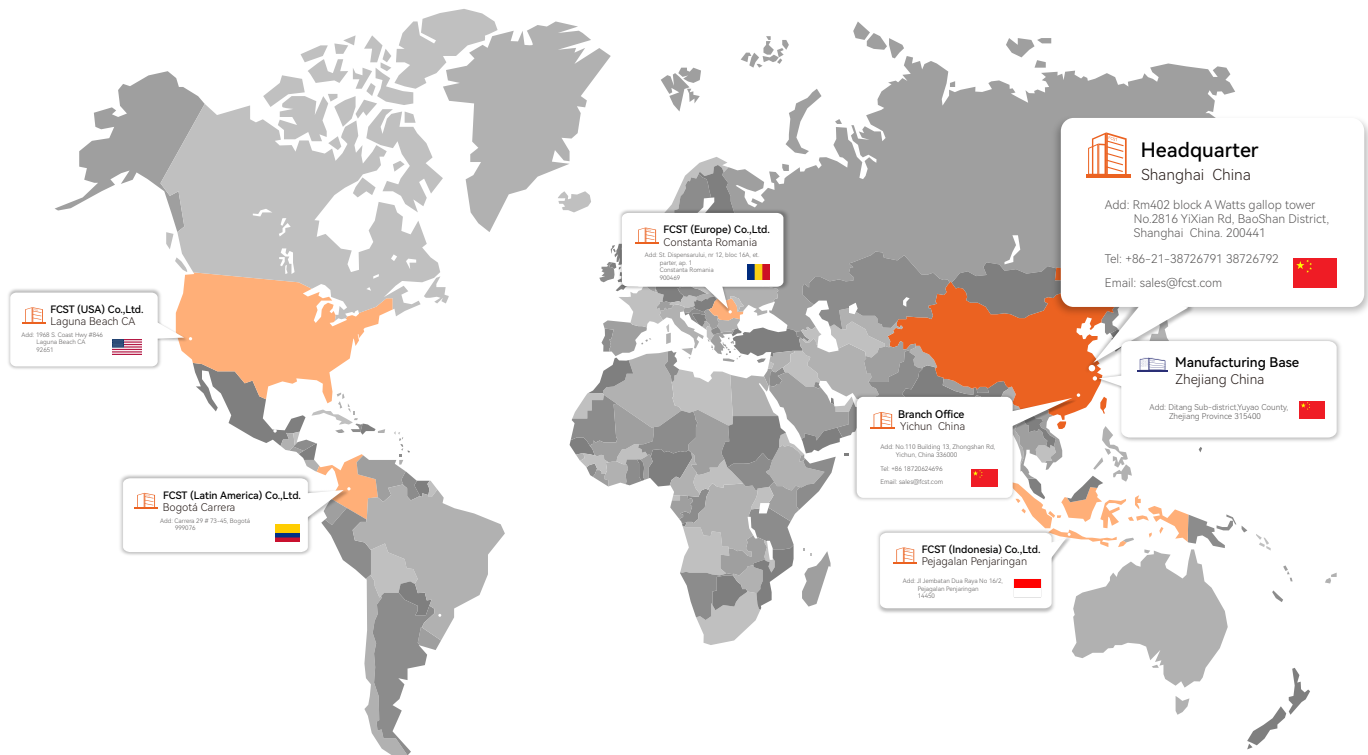


Marker Ball



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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 durability.

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 As technology advances and connects billions more devices, FCST helps developing regions leapfrog outdated technologies with sustainable solutions, evolving from a small company to a global leader in future fiber cable needs.

Rm402 block A Watts gallop tower No.2816 YiXian Rd, BaoShan District, Shanghai 200441.
Tel:+86-21-38726791 +86-21-38726792 Fax:+86-21-38726793

www.fcst.com www.micro-duct.com

