



Better FTTx, Better Life.



February, 2026

Technical Information

HDPE Silicon Core Pipe Connector

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HDPE Silicon Core Pipe Connector

The HDPE Silicon Core Pipe Connector, Experience the same fast and easy installation of our Push-Lock couplers now with a new, clear body design. Simply push the duct ends into the coupler for a locked and air-sealed assembly. The non-metallic construction provides excellent corrosion resistance in buried or encased applications and also has desirable dielectric properties.



- Pre-lubricated O-ring is water-tight and air-tight.
- Suitable for both cable pulling & jetting applications.
- Compatible with 25/30/32/40/42.2/46/50/60/63mm pipes.
- Simple, one person "push-on" assembly lowers installation costs.
- Self-locking ring design assembles in seconds and is re-enterable.
- High strength molded plastic body is ideal for buried duct applications.



Product Specifications

Construction	Description
Material	Body:ABS Sealing Ring:NBR
Reference Standard	JT/T496-2018、Q/KL020-2005
Appearance	Surface gloss, no impurities, no flash, no bubbles, no cracks, complete thread.
Tensile Resistance(Under Tightened State)	≥4300N(32mm)
Weight(g)	102.3g(32mm)
High Temperature Resistance	-40°C~+60°C
High Pressure Resistance	20Bar
Service Life	20Years



Ordering Information



FCST-ERS25



FCST-ERS32



FCST-ERS40



FCST-SDC2-40/33mm



FCST-SDC5-40/33mm



FCST-ERS42.2(1 1/4,SDR11)



FCST-SDC4-46/38mm



FCST-ERS50

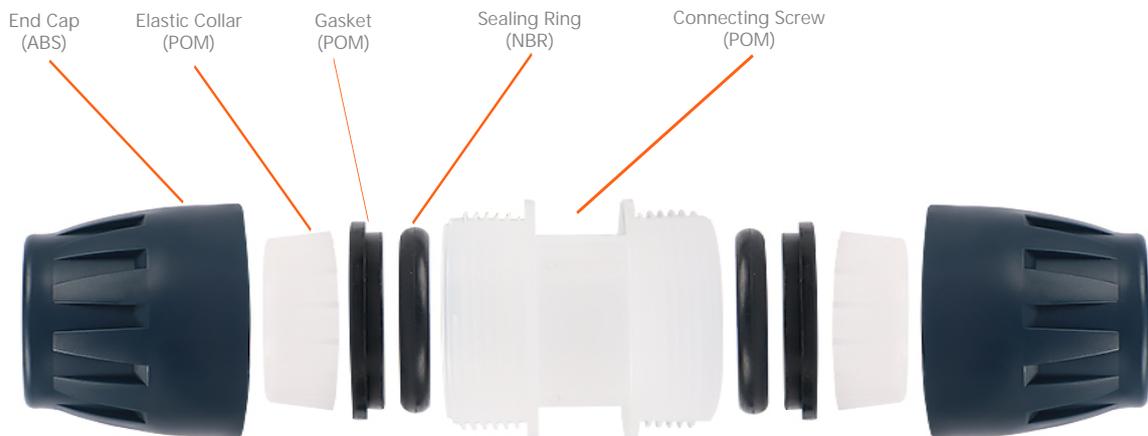


FCST-SDC1-60/50mm



FCST-SDC4-63/54mm

Product Material





Installation

1. Cut both ends of the silicon core tube flat and clean;
2. Assemble the connection in the order of connection;
3. Tighten with the special tools provided with this product to ensure that the assembly sequence is correct, and when the tightening is in place (Note: No need to use after burning tools in the tightening process), the joint sealing performance reaches a good condition;
4. The connector can be disassembled and assembled many times. After a long time use, disassemble the joint and reinstall it, please carefully check the effectiveness of the sealing ring Sex. If damage is found, it should be replaced.

Related Products



Telecom Manhole Chamber



Microduct Connector



Divisible Duct Sealing

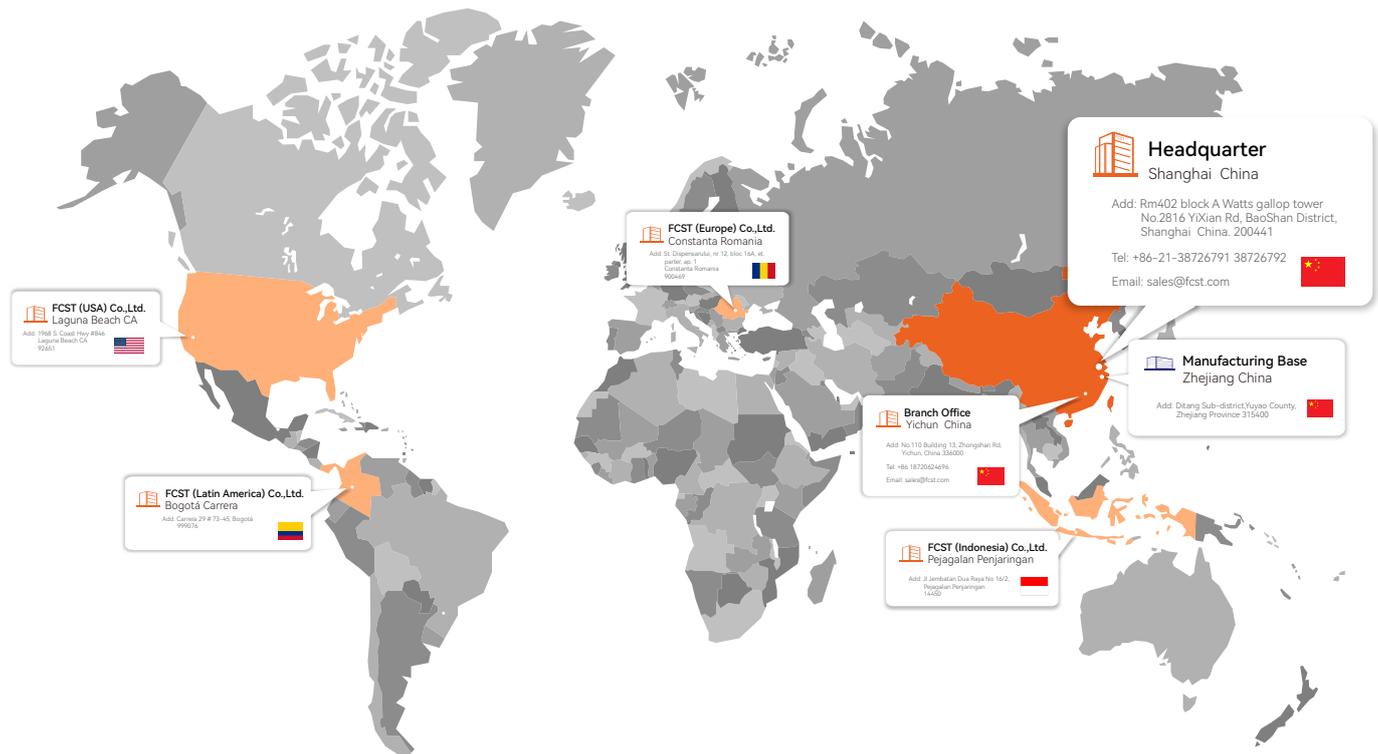


Marker Ball



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 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.

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