



Connecting fast. Connecting better.



Evolution NET.Fit for large ducts



The Evolution NET.Fit Advantage for 1-1/4", 1-1/2", and 2" Ducts **Engineered by Tierre Group, EU Fttx couplers market leader since 2010,** **for 30-Year Network Reliability and Maximum Installer Safety**

Less Brute Force, Superior Ergonomics

While standard push-on couplers require immense physical force to insert large-diameter ducts - a major challenge in cramped environments - Evolution NET.Fit requires minimal insertion effort. Your crews can easily slide the duct into the fitting and simply tighten the locking collars. This makes installations drastically easier and safer inside vaults, handholes, and tight utility rooms where generating the leverage needed for a push-on fitting is nearly impossible.

Visual & Mechanical Verification (Zero-Defect Installations)

When you are building FTTX networks designed to last 30+ years, "hoping" a push-on fitting caught the duct isn't enough. Our couplers feature a crystal-clear body, allowing installers to visually verify that the duct is fully seated, even in low-light environments or when using neutral-colored ducts. Mechanically, the locking collars tighten to a calibrated hard stop, entirely overlapping the coupler body. This confirms a perfect seal every time, while drastically increasing crush and impact resistance, and providing superior UV and weather protection for the lifespan of the network.

Maximum Blow-Out Resistance (Eliminating the "Bullet Effect")

High-speed fiber jetting relies on extreme pneumatic pressures. With traditional push-on fittings, high pressure can cause the duct to violently shoot out of the coupler - a dangerous safety hazard known as the "bullet effect," particularly with 1" to 2" ducts. Our threaded compression collars are engineered to create an absolute mechanical grip, locking the duct securely in place. It guarantees a flawless seal and total peace of mind for your crews during high-pressure blowing operations.

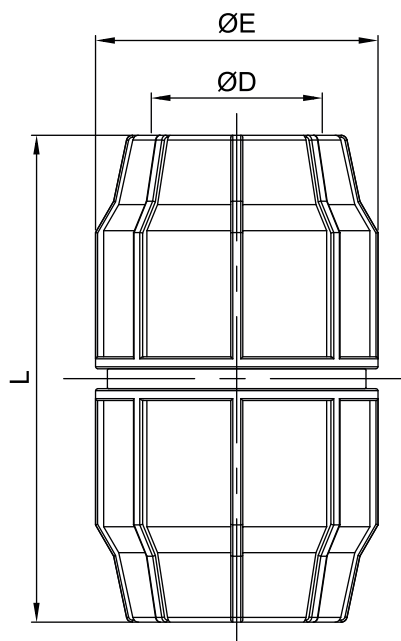
100% Corrosion-Proof Construction

Manufactured with a totally metal-free design, guaranteeing zero rust, corrosion, or degradation in harsh underground environments.



If It's Not Fiber, It's Not Broadband





CODE	ØD (inch)	ØE (mm)	L (mm)
ELFXUC1-1/4	1-1/4"	71	122,4
ELFXUC1-1/2	1-1/2"	80,5	140,4
ELFXUC2	2"	103	182



TECHNICAL DETAILS

Working temperature	-20°C + +50°C
Working pressure	15 Bar
Short term blowing pressure (10")	25 Bar
Burst pressure	Min. 35 Bar



CONSTRUCTION DETAILS

Body	Transparent HP Polymer
Gripper	Techno Polymer
Nut	Techno Polymer
Seal	NBR



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