

## Air-Tight Connectors

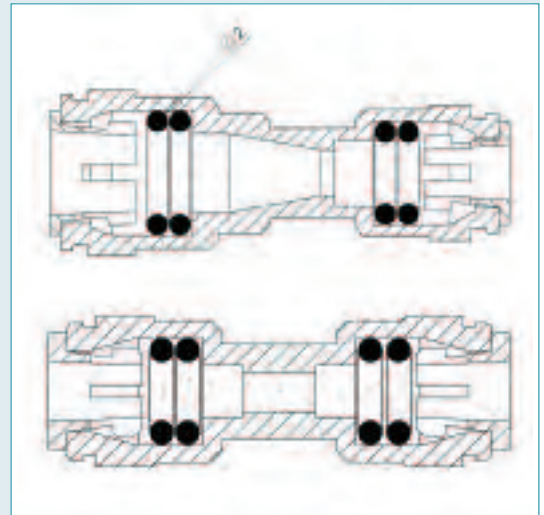
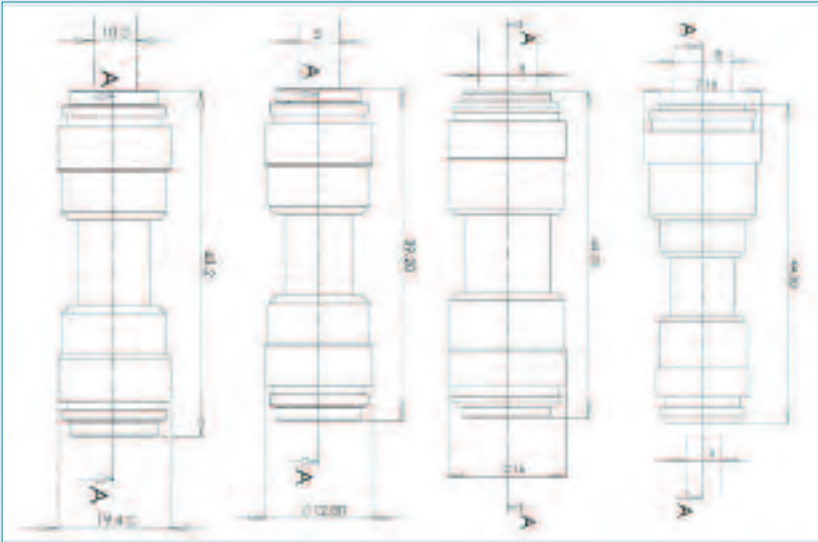
Miniflex Air-tight Connectors are based on a well proven, reliable design of tube connectors for blown fibre applications. Made from clear, high impact material, they enable the user to inspect the inserted fibre, without the need to dismantle any parts, or release system pressure.

The connectors incorporate a push-in fastening for simple, fast and safe use without the need for any tools.

These slim profile connectors feature a double 'O' ring design to resist the ingress of zero pressure gas and a re-usable gripper collet design for a 'push-in' connection and easy release.

## Application

Air-tight Connectors are ideally suited to blown fibre applications, where multiple lengths of tube need to be mated without air leakage.



## Features & Benefits

- Slim Profile
- Manufactured from clear material to allow inspection of the inserted fibre
- Double 'O' ring design to resist the ingress of zero pressure gas
- Re-usable gripper collet design for easy 'push-in' connection

### Ordering Information for Air-Tight Connectors:

Part No.	Input & Output tube OD
ATC-3.0-3.0-POM-CLR	Ø3mm (single 'O' ring)
ATC-5.0-5.0-POM-CLR	Ø5mm
ATC-8.0-8.0-POM-CLR	Ø8mm
ATC-5.0-8.0-POM-CLR	5 to 8mm adaptor
ATC-10.0-10.0-POM-CLR	10mm (single 'O' rings)

## Key Data

Maximum Assembly Effort: 30 N

Maximum Tube Retention: 150 N

Minimum Burst Pressure: 25 bar

Maximum Leakage at 8 bar: 1.0 cc/min

Max Leakage at 0.7 bar: 0.01 cc/mm

Resistance to External 70 kPa:  
Max 0.5 kPa drop / hr from 50 ml system

Operating Temperature Range:  
-20°C to +40°C

Note: The above characteristics are proven with Nylon tube to BS 5409

T: +44 (0) 1728 726600

E: [enquiries@miniflex.co.uk](mailto:enquiries@miniflex.co.uk)

W: [www.miniflex.co.uk](http://www.miniflex.co.uk)

**miniflex**<sup>®</sup>  
OPTICAL FIBRE PROTECTION SYSTEMS