



DATASHEET

ACE-DS-MCCO-EGD-v04-en

TKF CONNECTIVITY SOLUTIONS

ACE Introduction

ACE provides a complete program of high quality tube connectors with functionalities like straight, end, reduction and gas-block. Connectors are available for duct install (DI) or direct burial (DB) applications.

The end tube connector range composes components to terminate tubes of different diameters. It is mostly applied in access networks where tubes are branched or at the location of subscribers.

The ACE end connector with locking washer includes the following parts:

- 1 Plastic body (housing)
- 2 Sealing
- 3 Plastic ring
- 4 Grip teeth
- 5 Collar
- 6 Locking clip
- 7 Sleeve



Product Specification

Material:	
- Housing	Polycarbonate (PC)
- Sealing	NBR
- Plastic Ring	POM
- Grip teeth	Stainless steel (SUS)
- Collar	PC
- Locking clip	POM
- Sleeve	POM
Colour housing	Transparent
Tube outer diameter	Comply to connector diameter - 0,1 mm / + 0,1 mm
Tube material	HDPE
Fixation principle	Push-fit



Mechanical Specification

Nominal pressure	16 bar
Maximum pressure	30 bar
Number of connections	10 (locking washer must be replaced)
Crush resistance	1000 N
Impact	1 N/m
Leakage @ 16 bar pressure	≤ 1 cc/min

Environmental specification

Transport and storage temperature	-10 .. +50 °C
Installation temperature	-10 .. +50 °C
Operating temperature	-45 .. +65 °C
Recommended blowing temperature	-5 .. +35 °C
Outdoor exposure limit UV	12 months @ Central Europe
Water ingress test (0.5 bar during 168 hours)	No leaks
Tube assembly	No tooling required

Other specifications

Tested according EN 50411-2-8	DTAG Approved Connector cannot withstand white spirit

Features:

Direct buried applications

Marking that indicates the compatible mini tube

Compact size

Push-fit No tools required

Transparent body to allow verification of the position of the mini tube in the connector

Related products

Please select the following link to receive an overview of end connectors: [link to end connectors](#)

Please select the following link to receive an overview of straight connectors: [link to straight connectors](#)

Please select the following link to receive an overview of reduction connectors: [link to reduction connectors](#)

Logistical specification

Packaging	Cardboard Box

