

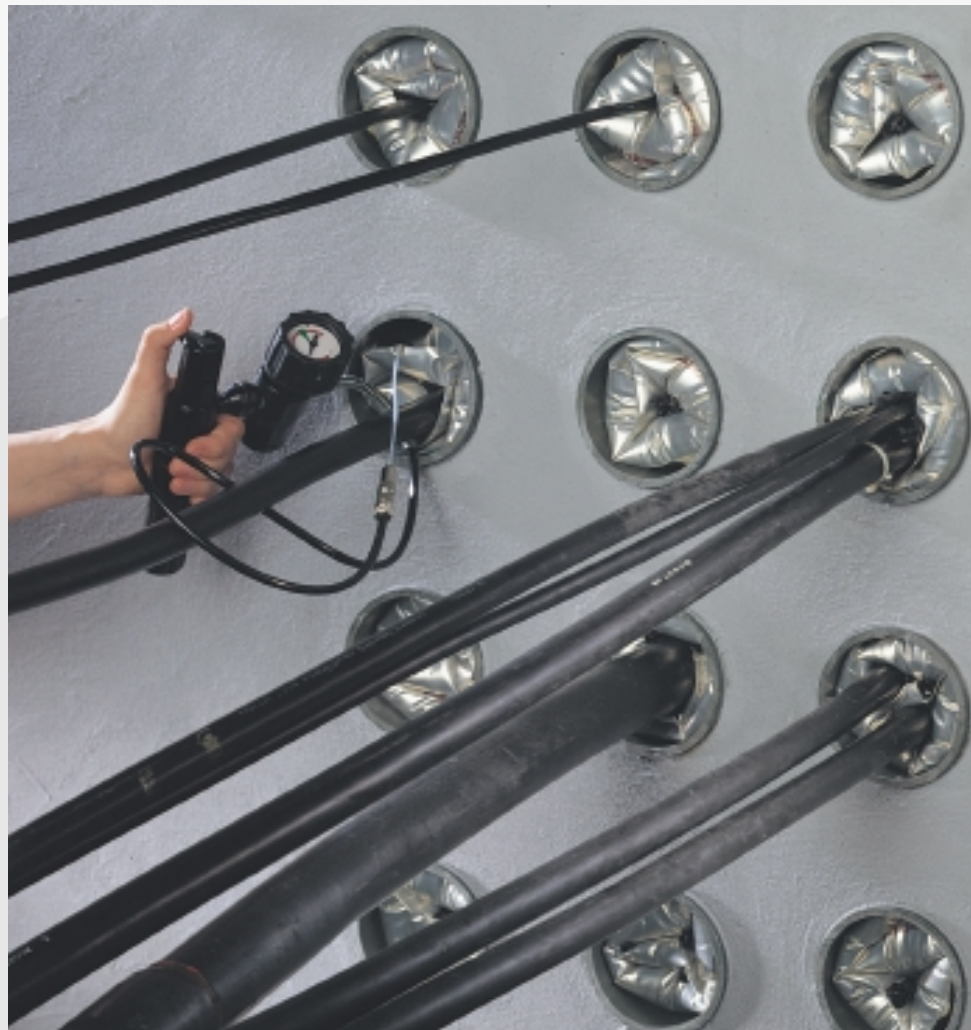
## Inflatable Sealing System for Telephone Cable Ducts for Underground Applications

### TELECOM OUTSIDE PLANT

TDUX is a unique inflatable wraparound duct seal system permanently sealing telephone cable ducts, preventing leakage of water from the duct into exchange vaults or manholes. It has been developed for use in conjunction with plastic, concrete or steel ducting wall feedthrough systems. It is suitable for use with polyethylene or lead-jacketed cables.

#### Features

- Fast and easy to install, even in congested enclosures.
- Very flexible and reliable wraparound sealing system.
- Independent of duct or cable ovality.
- Wide application cable range with one size.
- Seals vacant ducts and ducts with one or more cables.
- Can be installed while water is flowing out of the duct.
- Water and airtight up to 50 kPa.
- Environmentally friendly and non-toxic.
- Resistant to chemicals and bacteria.
- Easy and fast removal.
- Different sizes are available, sealing a wide variety of ducts and cables.



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# TDUX

## Sizing/ordering information

Dimensions (in mm)

Product description	Duct inside diameter range		Corresponding outside diameter range for 1 cable or sum of 2 cables	
	min	max	in min. duct	in max. duct
TDUX-35	25	35	0-12	0- 25
TDUX-45	32,5	45	0-14	0- 32
TDUX-60	45	60	0-18	0- 45
TDUX-75	55	75	0-28	0- 56
TDUX-90	60	100	0-22	0- 83
TDUX-100	75	110	0-45	0- 90
TDUX-125	110	125	0-83	0-103

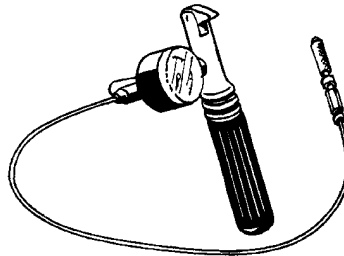
\* To seal ducts occupied with more than 2 cables, TDUX-CL clips are available as separate items. Contact your local sales engineer for more specific information.

## Installation tools

TDUX duct seals can be installed with a wide variety of inflation tools, having the capability to inflate TDUX to  $3,0 \pm 0,2$  bar of pressure.

### TDUX-IT-16

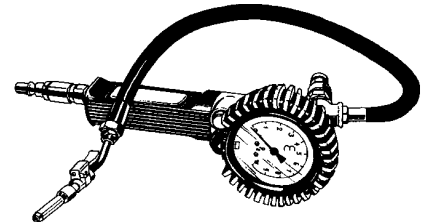
Inflation tool using CO2 gas cylinders. The tool is designed with an ON/OFF switch and has an automatic pressure monitoring system to guarantee the required inflation pressure of  $3,0 \pm 0,2$  bar.



### TDUX-IG-SR-AS

Inflation gun to be connected to a pressurised air bottle, pump or compressor, having an outlet pressure of 4 to 10 bar to feed the inflating gun.

The inflating gun is designed with a safety relief valve and audio signal device to facilitate the installation.



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