



TDUX

Inflatable Sealing System for Telephone, CATV, and Fiber Optic Cable Ducts

- Seals cable ducts - stopping and preventing leaks
- Air-tight up to 7 psi
- Can be easily and quickly installed, even in flowing water
- Environmentally friendly

The TDUX inflatable duct sealing system wraps around cables in the ducts of manholes or exchange vaults. The product effectively seals telephone cable ducts, stopping or preventing water from leaking into the manhole or vault.

The TDUX duct sealing system is suitable for use with polyethylene or lead sheath cables in the plastic, concrete, or steel ducts of wall feed-through systems. It permits cable movement while retaining its sealing properties. The TDUX system has been tested in severe environmental conditions and is air-tight up to 7 psi (50kPa). The TDUX duct sealing system is water-tight in depths up to 16 ft. (5m).

The product can be easily and quickly installed, even in flowing water. The TDUX duct sealing system is inflated with air or CO₂ gas and conforms to the irregular geometry of cables and ducts. With an optional accessory kit, it can even be used in square ducts. The TDUX duct sealing system is easy to remove even in adverse field conditions.

Standard kits accommodate a wide range of cable diameters, as well as empty ducts and ducts with multiple cables. Kits for hard to reach areas are also available.

The TDUX duct sealing system is environmentally friendly: no hazardous chemicals are used to create the seal. It is made from chemical- and bacteria-resistant materials and will provide a reliable, durable, long-lasting seal.

Warning: Do Not Inflate the TDUX sealing system unless installed in pipe.

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Product Description	Part Number	Duct Size Inside Diameter	Maximum Cable O.D.***	TDUX Clip Use with three or more cables	Part Number
TDUX-35	896761	1.0	.88	TDUX-CL-20	610700
TDUX-45	848594	1.5	1	TDUX-CL-20	610700
TDUX-60	034686	2.0	1.25	TDUX-CL-40	926082
TDUX-75	437160	3.0	2.2	TDUX-CL-40	926082
TDUX-90	101192	3.5	2.5	TDUX-CL-60	647219
TDUX-90S*	488357	3.5		TDUX-CL-60	647219
TDUX-100	894743	4.0	3	TDUX-CL-60	647219
TDUX-100S*	770382	4.0		TDUX-CL-60	647219
TDUX-125	620370	5.0	4	TDUX-CL-80	116936
TDUX-150**	655694	6.0	4.5	TDUX-CL-80	116936

* TDUX-90X and 100-S sizes are only used when a maximum size cable makes use of a regular TDUX duct seal difficult.

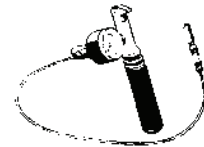
** Sealing a 6" duct that is empty or contains a cable less than 2.4" in diameter is not recommended.

Please contact customer service for application recommendations.

*** Maximum cable range is the diameter of all cables in the duct plus 0.2" for each TDUX CL if used.

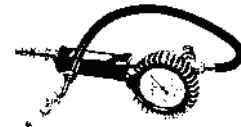
TDUX-IT-16 (070668)

Inflation tool using CO2 gas cylinders (985444). One cylinder will inflate 3 pcs. of TDUX 100 duct seals in vacant ducts. If ducts are occupied with cables, more inflations per cylinder can be performed. The tool is designed with an ON/OFF switch and has an automatic pressure monitoring system.



TDUX-IG-SR-AS (665864)

Inflation gun to be connected to pressurized air bottle, pump, or compressor with an outlet pressure of 60 - 150 psi (4 to 6 bar) to feed the inflation gun. The inflation gun is equipped with a safety relief valve and audible signal device to facilitate the installation.



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