Duct Joint Closure, NDE 451 25

Cold Seal System

Data Sheet

Features

Universal joint for *Ericsson Ribbonet*® and *Micronet* duct systems

- Quick and easy installation
- Cold Seal, no heating required
- Re-enterable
- Water tight, IP class 68
- Dielectric

Application

The NDE 451 25 system is a series of straight duct joint closures for micro- and multi-ducts.

The duct joints are designed for quick and easy installation, minimizing time consuming civil works. When used in combination with the cabling systems *Ribbonet*® and *Ericsson Micronet,* minimum initial investments are required to provide a future proof network that is easy to expand, upgrade and maintain.

The design enables excellent mechanical protection and water tightness according to IP class 68. The duct joints are intended to be installed in manholes or direct buried. They are re-enterable for easy re-configuration/repair.

Description

The duct joint closures comprise of a tube shaped body and two duct glands. Glands are secured onto the body and the duct with cable straps (enclosed). The closures are available in different sizes for various types of circular shaped micro- and multi-ducts.

The body is made of transparent polycarbonate or orange, opaque polypropylene. Cable sealing glands are made of thermoplastic elastomer TPE and cable straps of polyamide.
All materials are recyclable and in accordance with the RoHS directive.

Specifications

Temperature range
Operation ..... –30 to +60ºC
Transport and storage .... –30 to +60ºC
Installation..... –20 to +50ºC

The closures are water tight according to IP class 68*.

* Submersed under water, 1m, 72 h. The IP Class applies only when using *Ribbonet®* or *Ericsson Micronet* ducts according to the compatibility chart below.

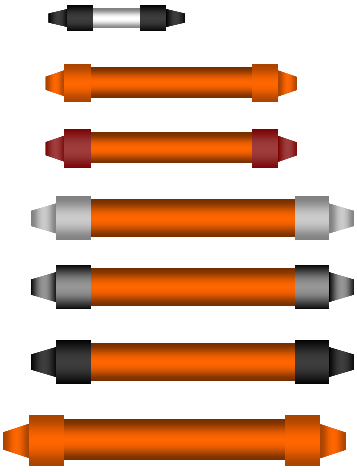
Accessories

To facilitate installation, duct lubricant is required. If applied sparsely, one bottle of lubricant is sufficient for more than 100 duct joints.

Ordering information

The closures are delivered in packages of 10 pieces.

Use the compatibility chart to choose the right product for your application. The chart is applicable for *Ericsson Ribbonet®* and *Micronet* ducts only.
Microduct connectors are ordered separately.



Ordering Number Table – Duct Joints

Product no.	Pack quantity	Color pipe / gland	Length mm	Ø mm	For duct ø mm	Pull strength N	Weight (10 pcs) Kg
NDE 451 25/111	10	Clear/Black	162	35	8-12.5	100	0.7
NDE 451 25/131	10	Orange/Orange	380	53	14.9-18	100	3.0
NDE 451 25/141	10	Orange/Red	380	53	19-24	100	3.0
NDE 451 25/151	10	Orange/ L. Gray	570	71	26.5-29	100	6.4
NDE 451 25/161	10	Orange/ D. Gray	570	71	31-33	100	6.4
NDE 451 25/171	10	Orange/Black	570	71	36.7-40	100	6.4
NDE 451 25/181	10	Orange/Blue	570	71	44-46	100	6.4
NDE 451 25/191	10	Orange/Orange	630	71	40-41	100	6.6

Ordering Number Table - Accessories

Product no.	Pack quantity	Type	Weight g
MTV 110 0016	1	Duct Lubricant, 400ml	450

Duct System>	Ribbonet® 5mm system													Micronet 10mm system					Micronet 12mm system				
Installation>	DB-Direct Buried							DI-Direct Install						DB			DI		DB			DI	
Prod no.	1	4	7	12	19	24	26	1	4	7	12	19	24	1	4	7	4	7	1	4	7	4	7
NDE 451 25/111	x							x															
NDE 451 25/131									x	x				x					x				
NDE 451 25/141		x	x								x												
NDE 451 25/151				x								x					x						
NDE 451 25/161					x								x		x			x		x		x	
NDE 451 25/171						x										x							
NDE 451 25/181																					x		
NDE 451 25/191							x																x

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