Protective Duct Joint Closure, NDE 451 26

Cold Seal System

Data Sheet

Features

Universal joint for *Ericsson Micronet* duct systems

- Quick and easy tool-free installation
- Cold Seal, no heating required
- Re-enterable
- Unique water and dust tight design, IP class 67, 1m
- For In-line jointing or branching
- Dielectric

Application

The NDE 451 26 is a series of duct joint closures for micro- and multiducts.

The duct joints are designed for quick and easy installation, minimizing time consuming civil works. When used in with the *Ericsson Micronet* 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 67, 1m. The duct joints are intended to be installed in handholes / manholes or direct buried. They are re-enterable for easy re-configuration or repair.

Description

The Duct Joint Closure comprises a body made of two halves which are closed with snap locks. The bodies and nuts are made of two halves and are tightened by hand.
Each body is available with different adapter sizes, see dimension chart. In addition, the bodies are combined with sealing kits to fit all duct sizes. To get the correct combination of body and sealing kit for the specific application and size, see configuration chart.

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 67, 1m.

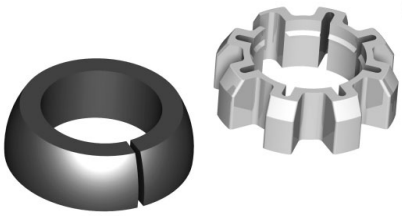
The body and nut is made of polypropylene copolymer.
Squeeze rings are made of poloximethylene and the pipe seals of EPDM.
All materials is recyclable and in accordance with the RoHS directive

Dimensions

Main Body and quantity		Adapter dimension			
Product no	Type	In [mm]	Out-1 [mm]	Out-2 [mm]	Branch [mm]
NDE 451 26/101	8xStraight joint	25	25	-	-
NDE 451 26/102	8xStraight joint	32	32	-	-
NDE 451 26/103	8xStraight joint	50	50	-	-
NDE 451 26/104	8xStraight joint	25	32	-	-
NDE 451 26/105	8xStraight joint	32	50	-	-
NDE 451 26/108	8xBranch Off	50	50	-	25
NDE 451 26/109	8xBranch Off	32	32	-	25
NDE 451 26/115	4xFork	50	32	25	-
NDE 451 26/116	4xFork	50	32	32	-
NDE 451 26/119	4xFork	50	50	50	

Sealing Kit

The NTM 502 26+ Sealing Kits intended for the Duct Joint Closures.
The sealing kits are sealed with cold method,
why no heating is required at installation.
Sealing kit is ordered separately, se Configuration Chart.



Ordering Information

The closures are delivered in packages of **4 or 8 pieces, see ordering info.**
The sealing kits are delivered in packages of **10 pieces.**

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

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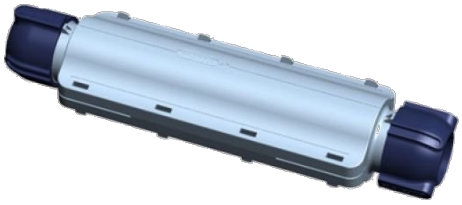
Configuration Chart for Straight Joint



Micronet Direct Buried Duct assemblies	Duct Configuration	Main Body (8pcs)	Sealing Kit, In (10pcs)	Sealing Kit, Out (10pcs)
Micronet 10mm system MPB 302 70	1 -1	NDE 451 26/101	SCG 200 003/1	SCG 200 003/1
	4 - 4	NDE 451 26/102	SCG 200 006/1	SCG 200 006/1
	7 - 7	NDE 451 26/103	SCG 200 008/1	SCG 200 008/1
	4 - 1	NDE 451 26/104	SCG 200 006/1	SCG 200 003/1
	7 - 4	NDE 451 26/105	SCG 200 008/1	SCG 200 006/1
Micronet 12mm system MPB 302 72	1 -1	NDE 451 26/101	SCG 200 004/1	SCG 200 004/1
	4 - 4	NDE 451 26/103	SCG 200 008/1	SCG 200 008/1
	7 - 7	NDE 451 26/103	SCG 200 010/1	SCG 200 010/1
	7 - 4	NDE 451 26/103	SCG 200 010/1	SCG 200 008/1

Micronet Duct assemblies	Duct Configuration	Main Body (8pcs)	Sealing Kit, In (10pcs)	Sealing Kit, Out (10pcs)
Micronet 10mm system MPB 302 60 and MPB 302 90	1 -1	NDE 451 26/101	SCG 200 001/1	SCG 200 001/1
	4 - 4	NDE 451 26/102	SCG 200 005/1	SCG 200 005/1
	7 - 7	NDE 451 26/103	SCG 200 007/1	SCG 200 007/1
	4 - 1	NDE 451 26/104	SCG 200 005/1	SCG 200 001/1
	7 - 4	NDE 451 26/105	SCG 200 007/1	SCG 200 005/1
Micronet 12mm system MPB 302 62 and MPB 302 92	1 -1	NDE 451 26/101	SCG 200 002/1	SCG 200 002/1
	4 - 4	NDE 451 26/103	SCG 200 007/1	SCG 200 007/1
	7 - 7	NDE 451 26/103	SCG 200 009/1	SCG 200 009/1
	7 - 4	NDE 451 26/103	SCG 200 009/1	SCG 200 008/1

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Configuration Chart for Branch-Off

Micronet Direct Buried Duct assemblies	Duct Configuration	Main Body (8pcs)	Sealing Kit, In (10pcs)	Sealing Kit, Out (10pcs)	Sealing Kit, Branch-Off (10pcs)
Micronet 10mm system MPB 302 70	7 -7 - 1	NDE 451 26/108	SCG 200 008/1	SCG 200 008/1	SCG 200 003/1
	4 – 4 - 1	NDE 451 26/109	SCG 200 006/1	SCG 200 006/1	SCG 200 004/1
Micronet 12mm system MPB 302 72	7 - 7 - 1	NDE 451 26/108	SCG 200 010/1	SCG 200 010/1	SCG 200 004/1
	7 - 4 - 1	NDE 451 26/108	SCG 200 010/1	SCG 200 008/1	SCG 200 004/1
	4 – 4 - 1	NDE 451 26/108	SCG 200 008/1	SCG 200 008/1	SCG 200 004/1

Micronet Duct assemblies	Duct Configuration	Main Body (8pcs)	Sealing Kit, In (10pcs)	Sealing Kit, Out (10pcs)	Sealing Kit, Branch-Off (10pcs)
Micronet 10mm system MPB 302 60 and MPB 302 90	7 -7 - 1	NDE 451 26/108	SCG 200 007/1	SCG 200 007/1	SCG 200 001/1
	4 – 4 - 1	NDE 451 26/109	SCG 200 005/1	SCG 200 005/1	SCG 200 001/1
Micronet 12mm system MPB 302 62 and MPB 302 92	7 - 7 - 1	NDE 451 26/108	SCG 200 008/1	SCG 200 009/1	SCG 200 002/1
	7 - 4 - 1	NDE 451 26/108	SCG 200 009/1	SCG 200 007/1	SCG 200 002/1
	4 – 4 - 1	NDE 451 26/108	SCG 200 007/1	SCG 200 007/1	SCG 200 002/1

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Configuration Chart for Fork

Micronet Direct Buried Duct assemblies	Duct Configuration	Main Body (4pcs)	Sealing Kit, In (10pcs)	Sealing Kit, Out (10pcs)	Sealing Kit, Branch-Off (10pcs)
Micronet 10mm system MPB 302 70	7 - 4 - 1	NDE 451 26/115	SCG 200 008/1	SCG 200 006/1	SCG 200 003/1
	7 - 4 - 4	NDE 451 26/116	SCG 200 008/1	SCG 200 006/1	SCG 200 006/1
Micronet 12mm system MPB 302 72	7 - 4 - 4	NDE 451 26/119	SCG 200 010/1	SCG 200 008/1	SCG 200 008/1

Micronet Duct assemblies	Duct Configuration	Main Body (4pcs)	Sealing Kit, In (10pcs)	Sealing Kit, Out (10pcs)	Sealing Kit, Branch-Off (10pcs)
Micronet 10mm system MPB 302 60 and MPB 302 90	7 - 4 - 1	NDE 451 26/115	SCG 200 007/1	SCG 200 005/1	SCG 200 001/1
	7 - 4 - 4	NDE 451 26/116	SCG 200 007/1	SCG 200 005/1	SCG 200 005/1
Micronet 12mm system MPB 302 62 and MPB 302 92	7 - 4 - 4	NDE 451 26/119	SCG 200 009/1	SCG 200 007/1	SCG 200 007/1

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