



# Duct Branch Closure

**Gel Seal, for Aerial and Underground Use**

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## Features

- Branch-off up to 4 microducts for aerial installations
- Branch-off up to 2 microducts for underground installations
- Fits virtually “all” duct shapes
- Discrete design and low visual impact
- Durable UV-protected materials
- Dielectric
- Quick and easy installation
- Sealed according to IP 67, 1 m

## Application

The NDE 451 22/+ is a universal microduct branch joint for Hexatronic air-blown installation system.

The product is intended for two main applications:

- Aerial installation using the Hexatronic Ribbonet® aerial air blown fiber system
- Underground installations using the Hexatronic tight protected microduct system.

For aerial applications, up to four single ducts can be branched out from a main duct assembly. For underground applications, up to two ducts can be branched out.

## Design

The Duct Joint Closure consists of a flexible and strong plastic sheath with a layer of gel attached to the inner surface. The ducts to be branched or spliced are simply connected together and the plastic sheath is wrapped around, locked with an easy snap and secured with nylon straps. The gel forms around the ducts and prevents water ingress. Due to the flexible gel sealing, the product will work for virtually any duct branch including fig.8-shape. In the aerial system, the closure is mounted around the duct on the uncut strength member.

## Product Information

The sheath is made of UV-protected PP/EPDM plastic.

The Gel is SEBS based. All materials are RoHS approved.

## Technical Information

**IP Rating**

IP67, 1m

## Articles 2

Article name	Color	Dimensions [mm]	Weight [kg]	Length [m]	Form of Delivery
12xDuct Joint Aerial 250mm (1p=12p), for diam. 20-38 mm NDE45122/1	Black	250 × (20-38)	5	250	1x12 pcs/pack
12xDuct Joint Aerial 350mm (1p=12p), for diam. 20-38 mm NDE45122/3	Black	350 × (20-38)	6	350	1x12 pcs/pack