dura-line

Technical Data Sheet

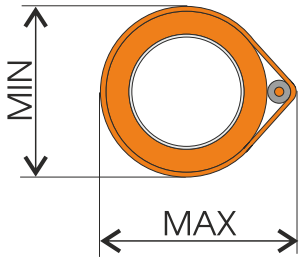
Visualization Only!

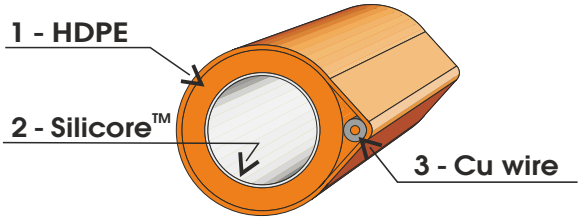
version 01-2025

MicroDuct Locatable 12/8 mm

DESCRIPTION, APPLICATION

MicroDuct Locatable DB is intended for protection of optical microcables. Stuctural part (1) is made from high density polyethylene (HDPE). Inner surface (2) is made from permanent sliding material Silicore™ with a very low coefficient of friction and standardly with fine ribs. Outer microduct's surface is smooth. Microduct is not designed for permanent inner pressure. Microduct and trace Cu wire (3) are oversheathed by foil from high density polyethylene (HDPE). Access to microducts and trace Cu wire is easy because of thin sheath, which is not attached to microducts and trace Cu wire.





LEGISLATION

- DURA-LINE CT's quality system is certified according to EN ISO 9001, EN ISO 14001 and EN ISO 45001.
- Bundle does not contain chemicals in accordance to the Directive of the European Parliament and the Commission no. 2006/1907/EC (REACH)
- Bundle meets requirements of the Directive of the European Parliament and the Commission no. 2011/65/EU (RoHS), as amended on January 3, 2013 (RoHS II).

PARAMETERS

Parameters of microducts are in relevant Technical Data Sheet and in company standard CWS103-2015.

Parameter	Value
Maximal dimension of cross section (MAX)	*15,5 mm
Minimal dimension of cross section (MIN)	*13,5 mm
Sheath thickness	*0,75 mm
Weight	*98 kg/km
Transport and storage temperatures	from -40°C to +70°C
Installation temperatures	from -10°C to +50°C
Operating temperatures	from -40°C to +70°C
Installation tensile force	max. 840 N
Min. bending radius perpendicular to MAX	135 mm
Min. bending radius perpendicular to MIN	155 mm
Outdoor exposure limit in Central Europe	max. 12 months

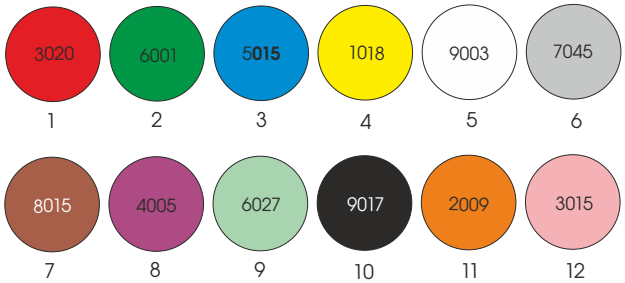
*** informative value**

MODIFICATION

- **Standard** is a basic material version convenient for most applications.
- **UV stabilized** is more resistant to ultraviolet radiation. Storability is prolonged to 24 months at Central Europe outdoor conditions. Microducts and sheath are stabilized.
- **Antistat** - lower electrical surface resistance. Microducts and sheath are antistatic.

COLOR LIST

Bundle is supplied in natural translucent version or in a wide scale of the following RAL list.



MicroDuct Locatable 12/8 mm

MARKING

Bundle is printed in whole length according to customer requirement. Printing color is contrasting to bundle color. Printing can be doubled in opposite sides as an option. Printing scheme is repeating after 1 metre.

Example of printing scheme:
0000 m – Dura Line – LOT No T012345678 - MicroDuct Locatable - HDPE -12/8 - Silicore – 2025/02/01

PACKING AND STORAGE

Microduct is wound on disposable drum (MTB) and coil is wrapped by stretch film. Microduct's ends are protected by plastic caps protecting them from impurities penetrating into microduct. End of microduct is minimally 10 mm under the flange edge. MTB flanges are regularly made from chipboard and have to be protected from moisture.
Option - MTB flanges can be made from Oriented Strand Board (OSB) which is waterproof.
MTB core diameter is 400 mm.
All drum dimensions are informative values.
Drum width is measured near center in place of axis. The periphery width can be higher up to 10% because of pressure winded microducts.

Drum	Flange diameter (mm)	Drum width (mm)	Shaft hole diameter (mm)	Winding maximum length (m)	Informative weight of full drum with chipboard flanges (kg)
MTB 8	1 030	624	45	**1 700**	186

MTB 8