dura·line

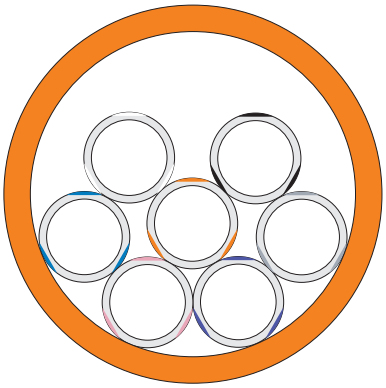
Technical Data Sheet

version 01-2018

Bundle DuraPack 50/42 + 7x12/10 mm

DESCRIPTION, APPLICATION

Bundle of microducts DuraPack is intended for protection of optical microcables. Microducts DuraMicro DI are preinstalled in duct from high density polyethylene (HDPE). The duct has smooth inner and outer surface.



Wall thickness and material classify the bundle as a Direct Burial (DB). Installation methods and conditions are described in the Installation manual.

LEGISLATION

- DURA-LINE CT's quality system is certified according to EN ISO 9001, EN ISO 14001 and OHSAS 18001.
- The bundle does not contain chemicals in accordance to the Directive of the European Parliament and the Commission no. 2006/1907/EC (REACH)
- The 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
Mean outer diameter of the duct (OD)	min. 50+0,5 mm
Wall thickness of the duct (WT)	min. 3,9 mm
Crush resistance	min. 1 500 kPa (at ID deform. by 15%)
Weight	*788 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. 10 100 N
Minimum bending radius	500 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. Only duct is stabilized.
- **Antistat** - lower electrical surface resistance. Only microducts are antistatic.

COLOR LIST

Duct and microducts are supplied in natural translucent version or in a wide scale of the following RAL list.

Bundle DuraPack 50/42 + 7x12/10 mm

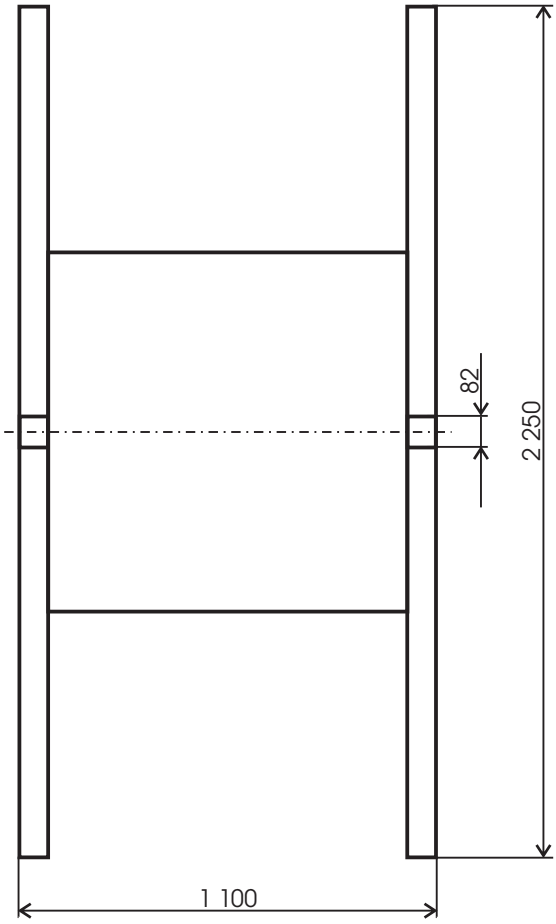
MARKING

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:
DURA-LINE CT DuraPack 50/42+7x12/10 mm SILICORE 03/2009 LOT No 12345678 0000 m >I<

PACKING AND STORAGE

Bundle is wound on return wooden drum (DB1) and coil is wrapped by stretch film. Bundle's ends are protected by plastic caps protecting them from impurities penetrating into duct and microducts.
Drum core diameter is 950 mm.
All drum dimensions are informative values.
Other types and dimensions of drum are on request.

Drum	Max. flange diameter (mm)	Drum width (mm)	Shaft hole diameter (mm)	Winding maximum length (m)	Informative weight of full drum (kg)
DB1	2 250	1 100	82	**1 000**	1 290

DB1