



Technical Data Sheet



TIU-MicroPACK DB – Microduct Bundles

- Application: Protection of optical micro cables in the telecommunication nets. **LSOH microducts and the LSOH sheath of bundles are produced from the special compound containing the non-halogen flame retardant.**
- These LSOH bundles of microducts are primary for indoors applications.
- LSOH sheath tightly binds the LSOH microduct bundle but it is not physical joined to LSOH microducts.
- **ZERO HALOGEN CONTENT**
- LSOH microducts and sheath comply with standard **EN 60332-1-1+A1** and **EN 60332-1-2+A1+A11** (Tests on electric and optical fibre cables under fire conditions - Part 1-2: Test for vertical flame propagation for a single insulated wire or cable – Procedure for 1 kW premixed flame), ELECTROTECHNICAL TESTING INSTITUTE Prague – Czech Republic, **CERTIFICATE N. 1180118, valid to February 28th, 2021**
- **Low smoke density, Low smoke toxicity and corrosion, No material dripping at burning**
- It is necessary to store LSOH bundles of microducts in the place protected from daylight sunshine (UV radiation).
- The LSOH bundle of microduct does not contain dangerous chemicals in accordance to the Directive 2006/1907/EC (REACH). LSOH microduct does not contain compounds of lead, cadmium, mercury, chromium Cr^{VI}, PBB (poly brominated biphenyl) a PBDE (poly brominated diphenylether), Directive 2002/95/EC – RoHS.



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Types:



- Various configurations of different LSOH microduct's dimensions, from microduct diameter of 5 mm up to 16 mm
- Wide choice of the number of LSOH microducts in a bundle
- Technical Data Sheet of the required „LSOH bundle of microducts“ under the request

Colour:

LSOH sheath is in the natural version as standard, this is ivory colour. It is also possible the colour under the request.

Printing:

The LSOH bundle of microducts is contrast printed by (INK-JET) with basic identification – length, producer name, seller name, type, dimension, standards, date and time of production, (see example). The printing is possible to change according to customer demand.

Printing example

>170 m< TIU-PLAST seller name LSOH 7x12/8 EN 60332-1-2 25/10/2018 10:45 E

Packaging:

The bundles are coiled on non-return wooden drums and wrapped by the protective wrap. The wrap consists of two layers. The lower layer is the foamed PE foil (the protection against the mechanical damage) and the upper layer is black stretch foil (the protection against the UV radiation). Bundle's ends are protected by plastic caps – protecting them from impurities penetrating into microducts. Standard length is from 500 m.