

Technical Data Sheet

LSZH&HDPE MicroPACK – LSZH&HDPE Microduct Bundle 12x7/3.5 mm



- Application: Protection of optical micro cables in the telecommunication nets. **LSZH sheath of bundles is produced from the special compound containing the non-halogen flame retardant.**
- **HDPE microduct** is in the natural translucent version or in the required RAL scale. It is possible to have microduct with stripes of various colours.
- This LSZH&HDPE bundle of HDPE microduct is for indoor applications and also for outdoor direct burial applications.
- LSZH sheath tightly binds the HDPE microduct but it is not physical joined to HDPE microduct.
- LSZH sheath complies with standard **EN IEC 60332-1-1+A1** and **EN IEC 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 is available on the request**
- It is necessary to store LSZH&HDPE bundle in the place protected from daylight sunshine (UV radiation)
- LSZH&HDPE bundle of HDPE microduct does not contain dangerous chemicals in accordance to the Directive 2006/1907/EC (REACH). HDPE 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.

PROPERTY	VALUE
Maximal dimension	29.6 mm*
Minimal dimension	26.8 mm*
Sheath thickness	0.8 mm*
Weight	445 kg/ km*
Installation tensile force (maximum)	4 500 N
Minimum bending radius dimension	296 mm
Transport and storage temperatures	-40°C to +70°C

*Informative value

Technical Data Sheet

LSZH&HDPE MicroPACK – LSZH&HDPE Microduct Bundle 12x7/3.5 mm

Marking

Bundle is printed in whole length according to customer requirement. Printing color is contrasting to bundle color. Printing scheme is repeating at 1 meter.

Example of printing scheme

>< 0000 m LSZH&HDPE MicroPACK 12x7/3.5 mm EN IEC 60332-1-2 LOT No 12345678 DD.MM.YYYY HH:MM

Bundle is coiled on a return or non-return wooden drum and wrapped by a foil. Bundle’s ends are protected by plastic caps protecting them from impurities penetrating into microducts. **Standard drum capacity 500 m.** (Drum dimensions and other drum capacity on the request).

Drum dimensions (informative values).

- A - Flange OD
- B - Barrel OD
- C – Outside Width
- E – Inside Width
- F – Spin Hole
- G - Flange Width

