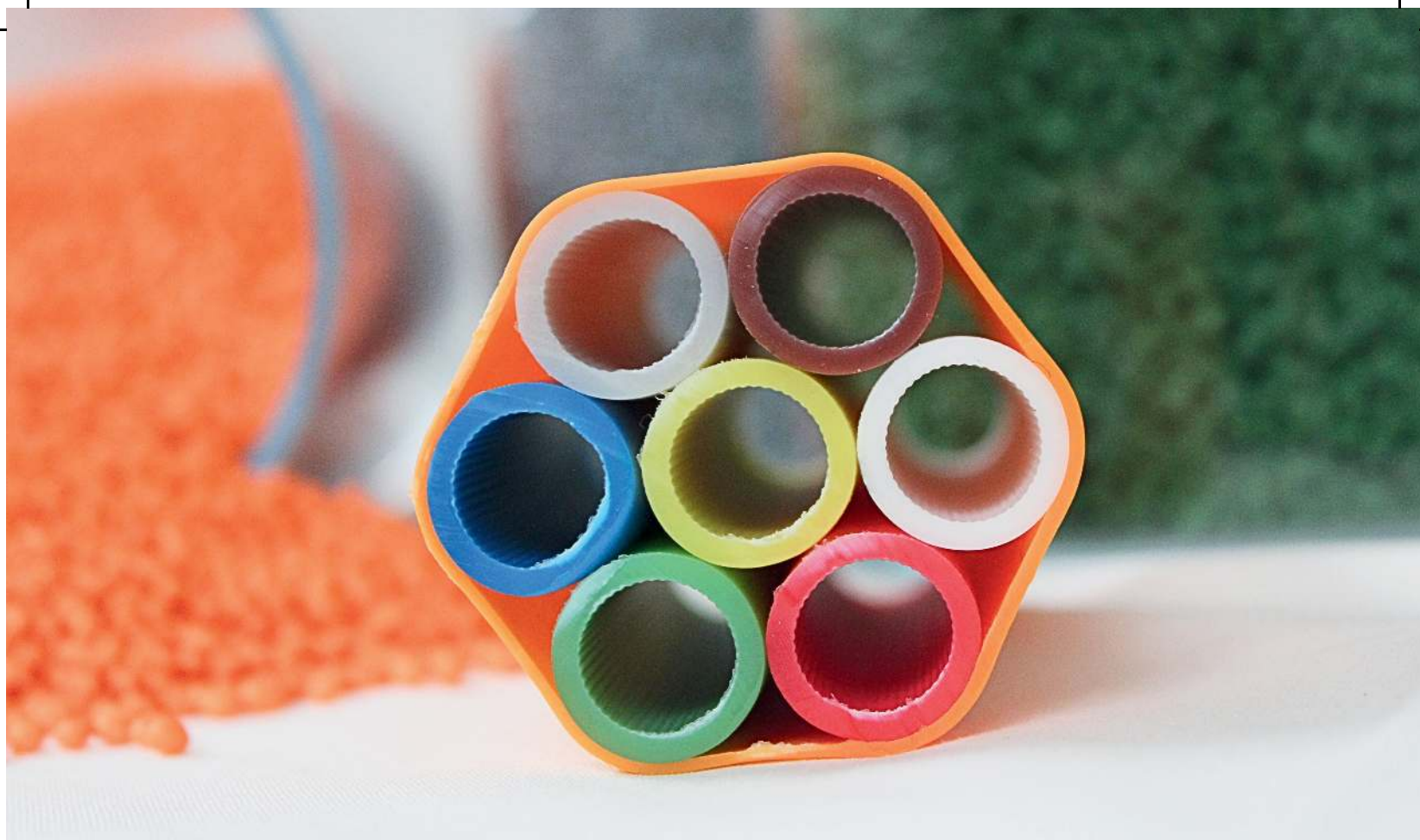




MICRODUCTS TECHNICAL DATA SHEET

SINGLE AND BUNDLE CONFIGURATIONS

PRODUCT FEATURES

- Made from high-quality HDPE.
- Microduct sizes available from 5 to 27mm OD (outer diameter).
- Thick and thin wall microducts.
- Bundle configurations are available from 2 to 24 ways.
- Smooth or Ribbed inner surfaces – longitudinal inner grooves when applied.
- Co-extruded low friction inner lining option – optimizing blowing distances.
- Transparent or solid colors for single microducts.
- Colored stripes are available for microducts and bundles – up to 4 stripes.
- Marking: 3 feet intervals: Product Description (e.g. 14/10mm) – manufacturer, production date, time, feet, batch no., Attention Optical Fiber.
- Custom options are available.
- Installation applications: Trenching, Sub ducting, Plow, Directional Bore, Micro Trench, and Tray Installations.
- Color-coded for easy identification.
- LYND DAHL Telecom is in accordance with ISO 9001 and ISO 14001.

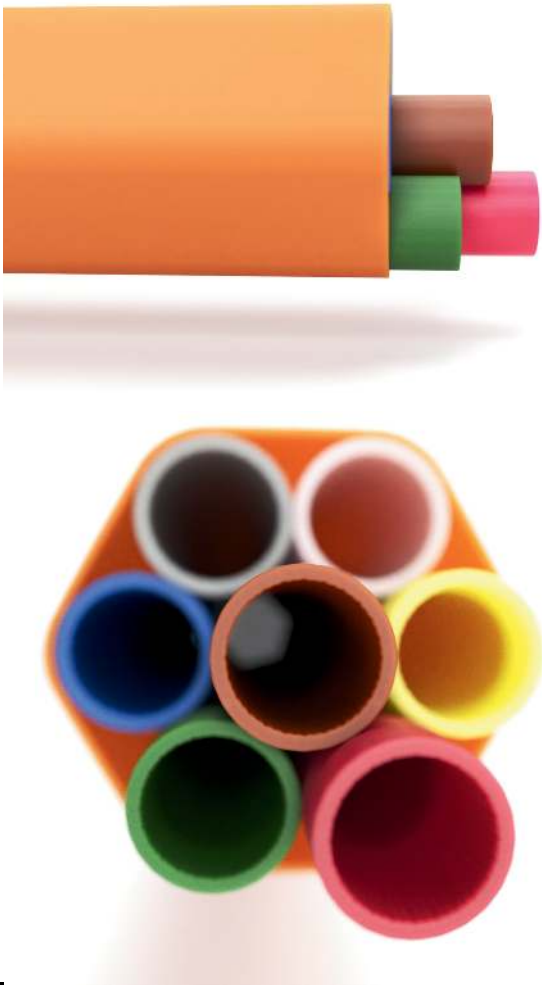
MATERIAL FEATURES

	Single Microduct	Bundle Microduct
Bending	10 x outer diameter	10 x outer diameter
Temperatures during: • Transport/Storage • Installation duct • Installation cables/fibres	14 °F to 122 °F 14 °F to 122 °F 23 °F to 95 °F	
Ovality Single Microduct	Max. 0.3 mm	
Max. pressure - Microduct	16 bar	
Pressure strength - Microduct	> 1000 N/dm	
UV Resistance	2 years	
Linear expansion	0.2 mm/m*K	
Heat treatment	Change in length ≤ 3%	

Custom options are available on temperature parameters and UV Resistance

PRODUCT CONFORMANCE

Bend	IEC 60794-1-21-E11
Kink	IEC 60794-1-21-E10
Impact	IEC 60794-1-21-E4
Crush	IEC 60794-1-2-E3
Tensile strength	IEC 60794-1-2-E1
Bullet/torpedo (inline)	EN 60794-5-10
Strip test	Sheath adhesion to the microducts when bundle



SINGLE MICRODUCT SPECIFICATION

Configuration	Outer diameter (mm)	Outer diameter (in)	Inner diameter (mm)	Inner diameter (in)	Standard length (ft)	Drum size (in)
5/3.5	5	0.197	3.5	0.138	10000	24x19
7/3.5	7	0.276	3.5	0.138	5000	24x19
7/4	7	0.276	4	0.157	5000	24x19
8/6	8	0.315	6	0.236	5000	24x19
8.5/6	8.5	0.335	6	0.236	5000	24x19
10/6	10	0.394	6	0.236	5000	35x26
10/8	10	0.394	8	0.315	5000	35x26
12/8	12	0.472	8	0.315	5000	35x26
12/10	12	0.472	10	0.394	5000	35x26
14/10	14	0.551	10	0.394	4500	35x26
16/10	16	0.630	10	0.394	3250	35x26
16/12	16	0.630	12	0.472	3250	35x26
16/13	16	0.630	13	0.512	3250	35x26
18/10	18	0.709	10	0.394	2500	35x26
18/14	18	0.709	14	0.551	2500	35x26
20/16	20	0.787	16	0.630	5000	50x35
22/16	22	0.866	16	0.630	5000	50x35
22/18	22	0.866	18	0.709	5000	50x35
27/17	27	1,063	20	0.787	3000	50x35

Custom options are available on packing – length and drum sizes.

COLOR CODE

Standard colors	BLUE	GREEN	SLATE	RED	YELLOW	AUQA
	ORANGE	BROWN	WHITE	BLACK	VIOLET	ROSE

BUNDLE CONFIGURATIONS

- Sheath made from high-quality HDPE.
- 2, 3, 4, 7, 8, 10, 12, 19, and 24 ways - Custom formations are available for microduct sizes and bundle configurations.
- A sheath thickness of 0,7mm as nominal.
- Custom options available.
- Tracer wire option available - 20 AWG insulated copper wire.
- Rip Cord option available.
- Packing options: length and drum sizes – upon request of bundle formation.

LYNDDAHL TELECOM AMERICA INC.

LYNDDAHL Telecom America provides complete and tailored pipe solutions for fiber optic installations with products ranging from 2 inches and below - ensuring precision and reliability.

We offer end-to-end solutions and can supply material to a complete enterprise from cable vault with fittings to cable piping. We call this One-Stop-Shopping.

Additionally, our portfolio includes products such as:

- Couplers
- Reducers
- Endcaps

With a presence in over a dozen countries across Europe, Africa, South America, and the NAR, we bring global expertise to every project

Our roots are Danish, but in March 2024 we expanded with a factory and office in Belmont, North Carolina. With our new facilities in the US, we are proud to be **fully BEAD and BABAA compliant.**



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