

MICROTECHNOLOGY

MICRODUCTS FIGURE-8

- Figure-8 construction with EHS (Extra High Strength), flooded galvanized support strand for one-step aerial placement
- HDPE with carbon black and antioxidants for maximum UV protection
- Extra high-strength galvanized steel strand utilizes industry standard aerial strand hardware
- Installation uses the same tools & equipment as standard aerial installation practices

INSTALLATION TYPES

Aerial

SIZE RANGE AVAILABLE (OD/ID MM)

12.7/10 18/14

MICRODUCT + OVERSHEATH COLORS

MicroDuct  Oversheath  UV

Custom Colors Available



STANDARD

SPECIFICATIONS/DETAILS MicroDucts are smaller diameter conduit, manufactured from flexible HDPE (High Density Polyethylene). Supported by an Extra High-Strength (EHS) Galvanized steel strand

FILL RATIO Choose the correct MicroDuct size based on the Outer Diameter (OD) of desired MicroCable. Dura-Line recommends a fill ratio of 50% to 75% for optimal cable placement performance. Several factors impact jetting distance including the condition of route, bends, and equipment.

CONDUIT MARKINGS Permanent marking along MicroDuct includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.

CO-EXTRUDED LINING SILICORE® ULF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. SILICORE® ULF exhibits no loss in performance over time or in extreme temperature conditions.

INTERNAL RIBS Standard (except 3.5mm ID which are designed with a standard smooth interior)

OPTIONS

PRE-INSTALLED STRING Factory pre-installed Pull String available in MicroDucts to aid in cable placement.

PRE-INSTALLED FIBER Fiber cable or cordage can be factory pre-installed in MicroDucts

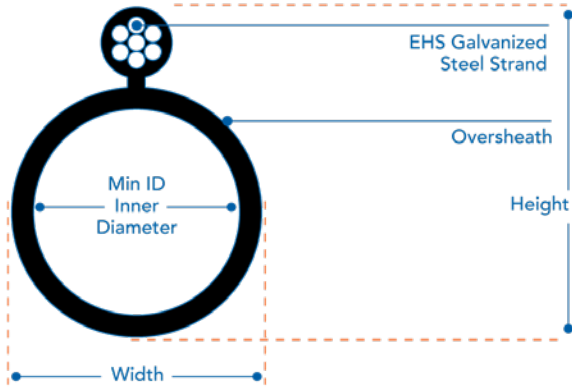
FEATURES



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MICRODUCTS FIGURE-8 TECHNICAL SPECIFICATIONS



MICRODUCT SIZE (MM)	EHS GALV STRAND (IN)	MIN ID (MM/IN)	HEIGHT (MM)	WIDTH (MM)	OVER SHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LBS)	STRAND SWPS (LBS)
12.7/10	3/16"	9.8/0.39	29.0	15.3	0.050	0.161	5	10	473	3,990
18/14	3/16"	13.6/0.54	34.0	20.6	0.050	0.207	18	30	734	3,990

† Safe working pull strength is calculated at 80% of tensile or breaking strength

* Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.