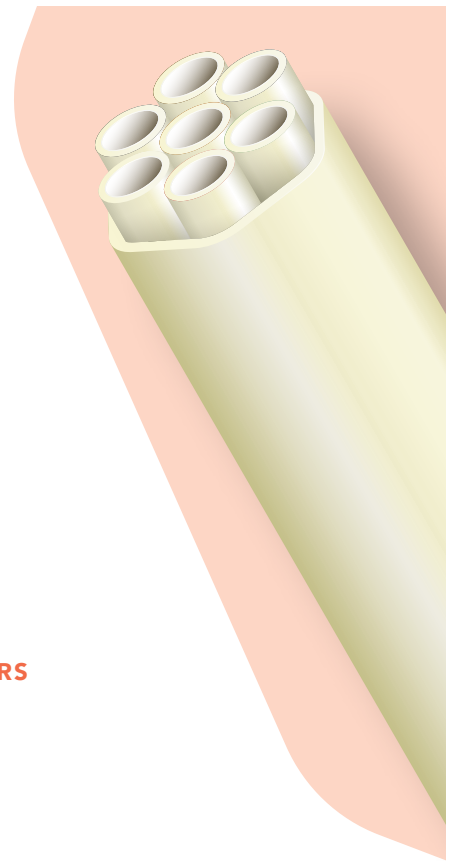


MICROTECHNOLOGY

FUTUREPATH RISER

- Designed for installations in risers in accordance with the National Electric Code as well as general purpose applications, including vertical installations in shafts from floor-to-floor
- Ideal for new construction as well as existing apartment, condominium, or office buildings
- Multiple pathways for one installation cost, allows flexibility and future growth
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct



INSTALLATION TYPES

Confined Spaces
Interior

CONFIGURATIONS

2-way	12-way
3-way	19-way
4-way	24-way
7-way	

OVERSHEATH & MICRODUCT COLORS

■ Dull Yellow

STANDARD

SPECIFICATIONS/DETAILS Listed to UL-2024 & CSA C22.2 No.262-04 and UL-94 V-2 & CSA FT-4. Ideally suited for Riser applications

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 FuturePath includes: material, relevant standards, production info, and sequential feet or meter markings. Custom options available.

CO-EXTRUDED LINING SILICORE® is co-extruded with the HDPE jacket creating a super slick permanent lining for higher speed cable jetting and longer, easier cable pulls.

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

RIP CORDS For easy opening of the oversheath

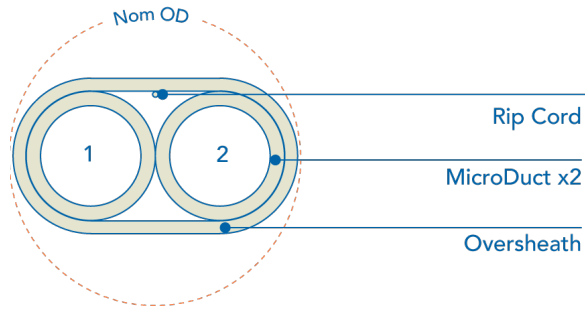
FEATURES



+1 800 847 7661
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FUTUREPATH RISER 2-WAY TECHNICAL SPECIFICATIONS

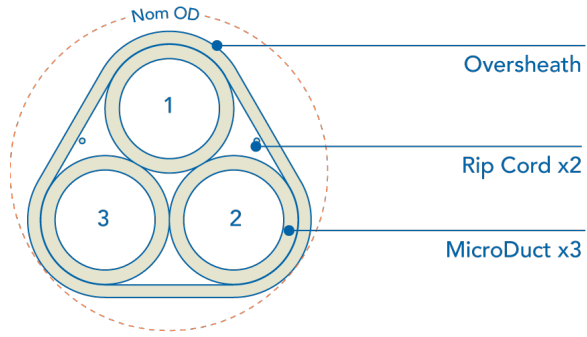


MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS (LBS)
5/3.5	3.4/0.13	0.46	0.030	0.032	7	12	149
8.5/6	5.9/0.23	0.77	0.050	0.091	12	19	419
12.7/10	9.8/0.39	1.10	0.050	0.151	17	28	685

† 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.

FUTUREPATH RISER 3-WAY TECHNICAL SPECIFICATIONS

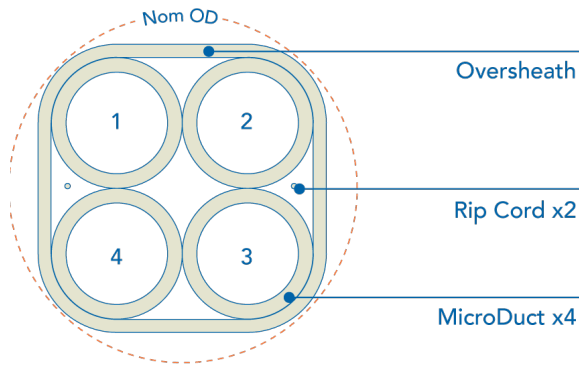


MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS (LBS)
5/3.5	3.4/0.13	0.51	0.040	0.049	7	11	232
8.5/6	5.9/0.23	0.85	0.060	0.134	11	19	615
12.7/10	9.8/0.39	1.22	0.070	0.23	16	27	1,060

† 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.

FUTUREPATH RISER 4-WAY TECHNICAL SPECIFICATIONS

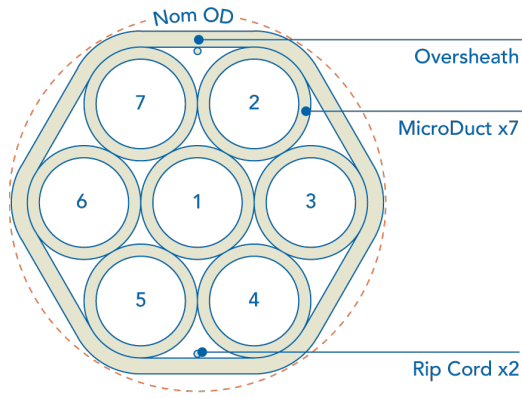
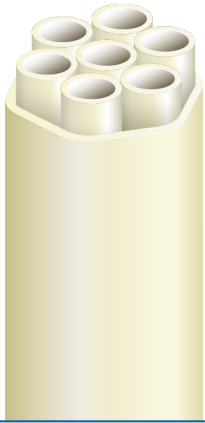


MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS (LBS)
5/3.5	3.4/0.13	0.56	0.040	0.061	7	12	283
8.5/6	5.9/0.23	0.93	0.060	0.165	12	20	749
12.7/10	9.8/0.39	1.35	0.070	0.285	17	29	1,303

† 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.

FUTUREPATH RISER 7-WAY TECHNICAL SPECIFICATIONS

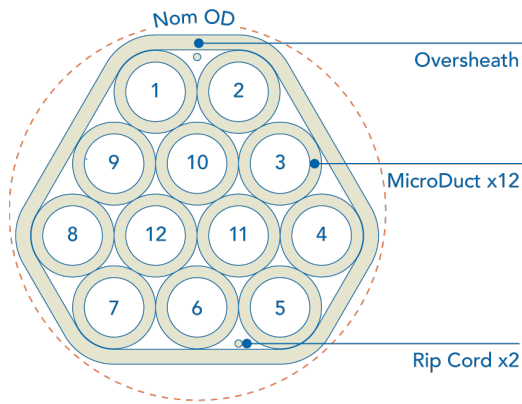
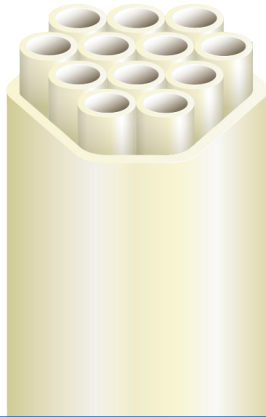


MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS (LBS)
5/3.5	3.4/0.13	0.68	0.040	0.091	9	16	418
8.5/6	5.9/0.23	1.13	0.060	0.251	16	26	1,119
12.7/10	9.8/0.39	1.64	0.070	0.433	23	38	1,945

† 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.

FUTUREPATH RISER 12-WAY TECHNICAL SPECIFICATIONS

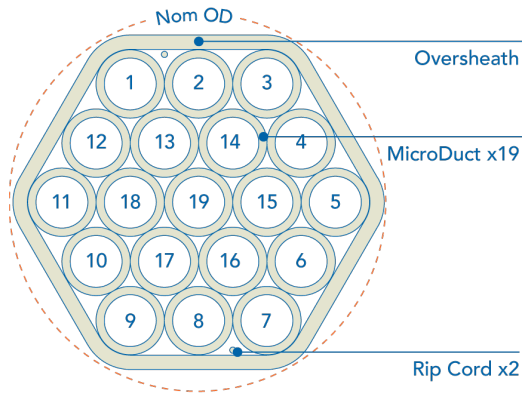
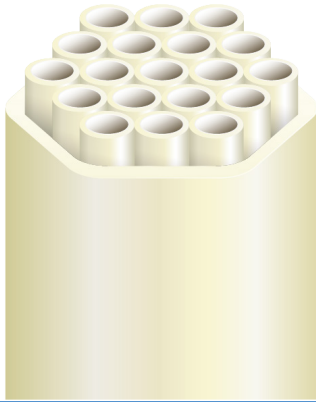


MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS (LBS)
5/3.5	3.4/0.13	0.88	0.040	0.139	12	20	630
8.5/6	5.9/0.23	1.48	0.060	0.392	20	33	1,724

† 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.

FUTUREPATH RISER 19-WAY TECHNICAL SPECIFICATIONS

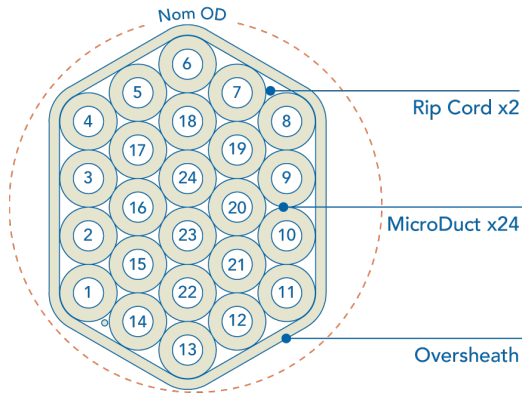
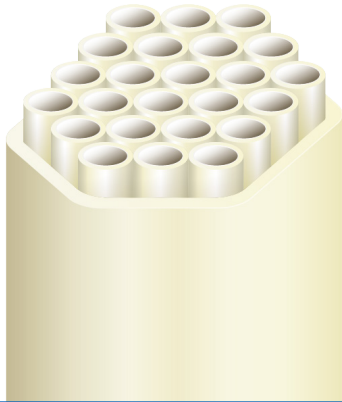


MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS (LBS)
5/3.5	3.4/0.13	1.07	0.04	0.203	14	24	909
8.5/6	5.9/0.23	1.80	0.06	0.576	24	41	2,502

† 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.

FUTUREPATH RISER 24-WAY TECHNICAL SPECIFICATIONS



MICRODUCT OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP* (IN)	BEND RADIUS UNSUP* (IN)	SWPS (LBS)
5/3.5	3.4/0.13	1.27	0.04	0.248	19	32	1,106
8.5/6	5.9/0.23	2.13	0.06	0.706	32	53	3,050

† 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.