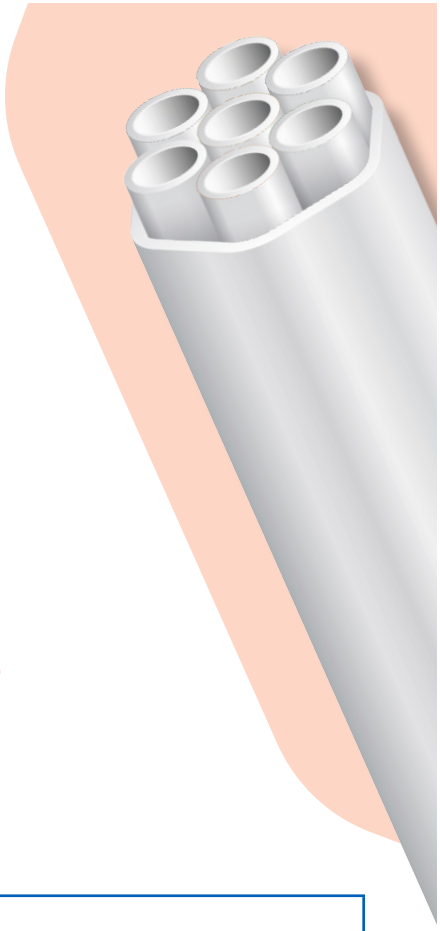
MICROTECHNOLOGY

FUTUREPATH PLENUM



- Designed for installations in spaces used for environmental air in accordance with the National Electric Code as well as riser and general purpose applications, including inside structure, space above ceilings and below floors
- 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

Interior
Confined Spaces

CONFIGURATIONS

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

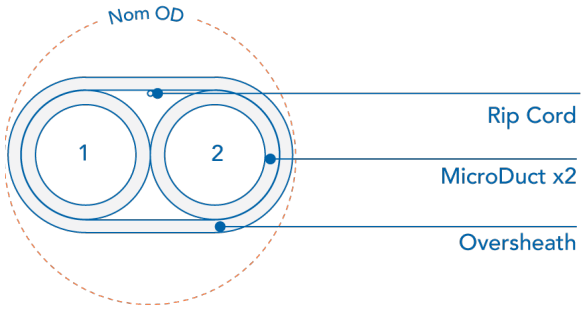
STANDARD COLORS

- ☐ Opaque White

FEATURES

STANDARD
SPECIFICATIONS/DETAILS Listed to UL-2024 & CSA C22.2 No.262-04 and UL-94 V-2 & CSA FT-6. Ideally suited for Plenum 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

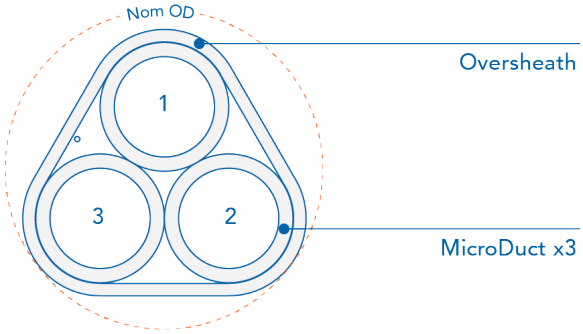
FUTUREPATH PLENUM 2-WAY TECHNICAL SPECIFICATIONS



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	0.44	0.020	0.040	7	11	133
8.5/6	6.7/0.26	0.71	0.020	0.076	11	18	377
12.7/10	10.2/0.40	1.05	0.025	0.156	16	26	745

† 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 PLENUM 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	0.47	0.020	0.055	6	10	272
8.5/6	6.7/0.26	0.77	0.020	0.106	10	17	508
12.7/10	10.2/0.40	1.13	0.025	0.218	17	28	1,004

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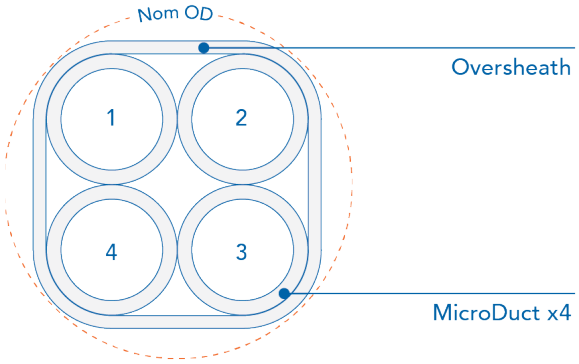
FUTUREPATH PLENUM 4-WAY TECHNICAL SPECIFICATIONS



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	0.52	0.020	0.069	7	11	337
8.5/6	6.7/0.26	0.85	0.020	0.134	11	18	626
12.7/10	10.2/0.40	1.30	0.045	0.338	16	27	1,676

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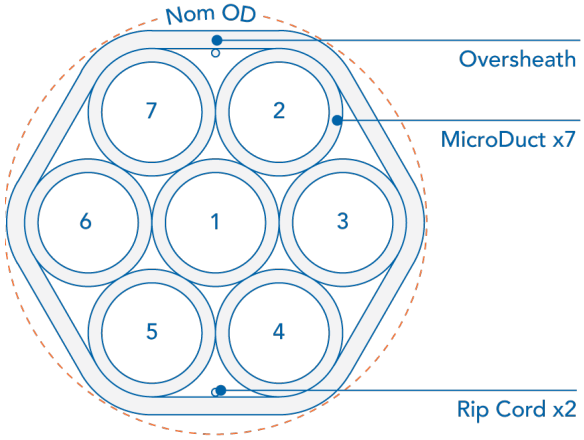
FUTUREPATH PLENUM 7-WAY TECHNICAL SPECIFICATIONS



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	0.63	0.020	0.111	9	15	517
8.5/6	6.7/0.26	1.06	0.025	0.229	15	24	1,057
12.7/10	10.2/0.40	1.59	0.045	0.530	22	37	2,496

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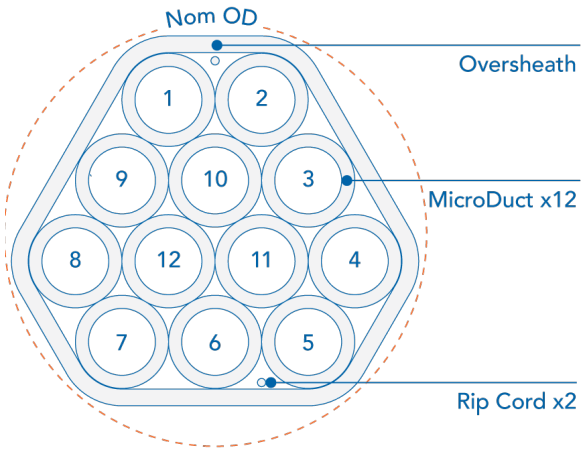
FUTUREPATH PLENUM 12-WAY TECHNICAL SPECIFICATIONS



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	0.84	0.020	0.177	11	19	792
8.5/6	6.7/0.26	1.41	0.025	0.369	19	32	1,724

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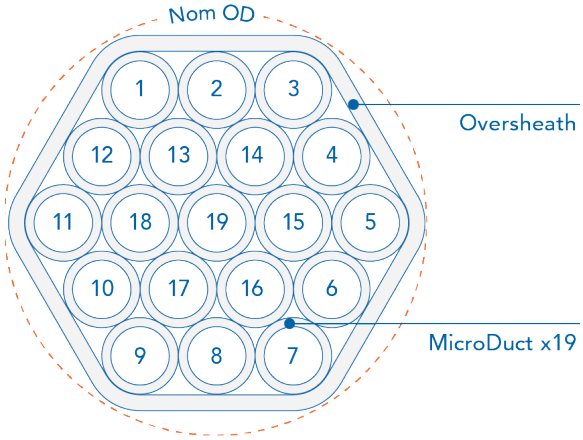
FUTUREPATH PLENUM 19-WAY TECHNICAL SPECIFICATIONS



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	1.04	0.025	0.280	14	23	1,252
8.5/6	6.7/0.26	1.80	0.030	0.577	23	39	2,502

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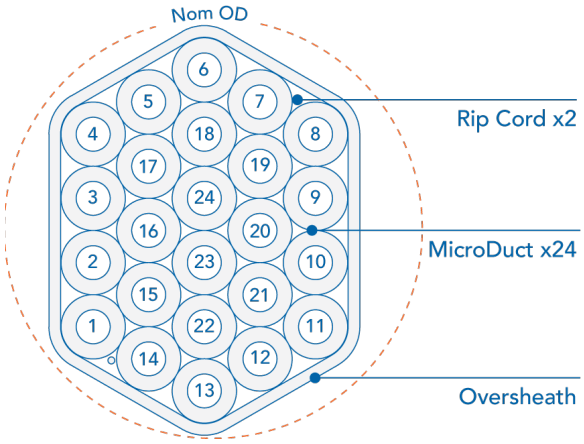
FUTUREPATH PLENUM 24-WAY TECHNICAL SPECIFICATIONS



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	1.04	0.025	0.280	14	23	1,106
8.5/6	6.7/0.26	1.74	0.030	0.577	23	39	3,050

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