

## MICROTECHNOLOGY

# FUTUREPATH ARMORED

- MicroDucts factory-bundled in a polyethylene oversheath, encased in Zetabon steel armor for protection in harsh environments or rodent protection
- Superior mechanical protection against rodents, ballistics, crush, chemicals, moisture penetration and ground or soil heave
- 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
- 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



### INSTALLATION TYPES

Plow  
Trench  
Directional Bore

Cable Tray  
Rodent Protection

### CONFIGURATIONS

4-way  
7-way  
19-way

### OVERSHEATH & MICRODUCT COLORS

 Custom Colors Available

## FEATURES

### STANDARD

**SEQUENTIAL FOOT OR METER MARKINGS** Custom print streams available.

**RIP CORD(S)** for easy opening of the inner sheath.

**SILICORE® ULF** (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE ULF exhibits no loss in performance over time or in extreme temperature conditions.

**SHIPS ON STANDARD REEL**

**INTERNAL RIBS** standard on most MicroDucts. (3.5mm ID are designed with a standard smooth interior.)

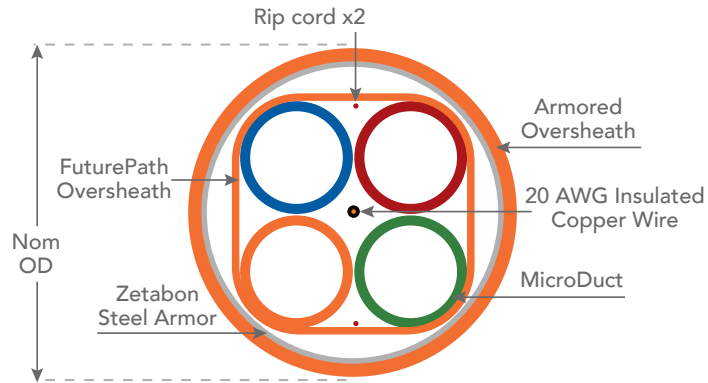


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# FUTUREPATH ARMORED 4-WAY



## FUTUREPATH ARMORED 4-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE OD/ID (MM)	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	FUTUREPATH OVERSHEATH (IN)	ARMORED OVERSHEATH (IN)	WEIGHT (LB/FT)*	BEND RADIUS SUP (IN)**	BEND RADIUS UN-SUP (IN)**	SWPS† (LBS)
8.5/6	5.9/0.23	1.11	0.06	0.07	0.230	11	22	1,246
12.7/10	9.8/0.39	1.50	0.06	0.07	0.351	15	30	1,888
18/14	13.6/0.54	2.09	0.07	0.10	0.675	21	42	3,652

\* Total Weight does not include Zetabon weight.

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

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

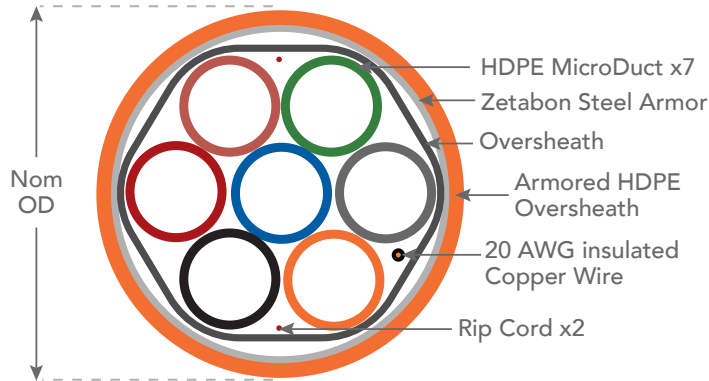
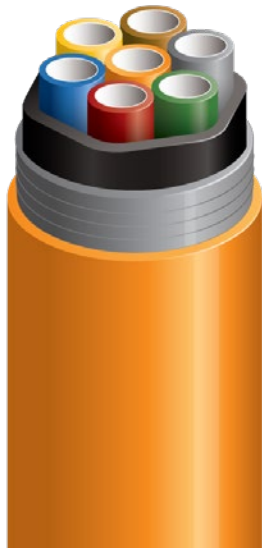


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# FUTUREPATH ARMORED 7-WAY



## FUTUREPATH ARMORED 7-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE OD/ID	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	FUTUREPATH OVERSHEATH (IN)	ARMORED OVERSHEATH (IN)	WEIGHT (LB/FT)*	BEND RADIUS SUP (IN)**	BEND RADIUS UNSUP (IN)**	SWPS† (LBS)
8.5/6	5.9/0.23	1.31	0.06	0.07	0.319	13	26	1,724
12.7/10	9.8/0.39	1.90	0.07	0.11	0.617	19	38	3,319
16/13	12.8/0.50	2.29	0.07	0.11	0.781	20	41	4,223

\* Total Weight does not include Zetabon weight.

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

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

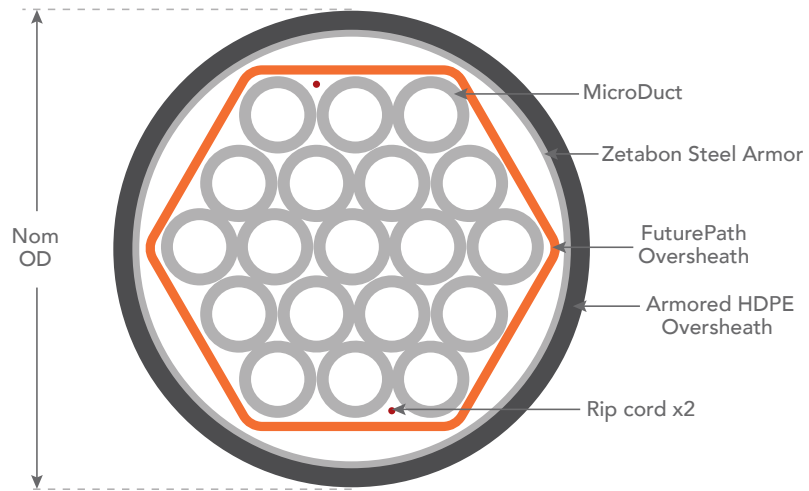


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# FUTUREPATH ARMORED 19-WAY



## FUTUREPATH ARMORED 19-WAY TECHNICAL SPECIFICATIONS

MICRODUCT SIZE OD/ID	MICRODUCT MIN ID (MM/IN)	NOM OD (IN)	FUTUREPATH OVERSHEATH (IN)	ARMORED OVERSHEATH (IN)	WEIGHT (LB/FT)*	BEND RADIUS SUP (IN)**	BEND RADIUS UNSUP (IN)**	SWPS† (LBS)
8.5/6	5.9/0.23	1.98	0.06	0.07	0.645	20	40	3,473

\* Total Weight does not include Zetabon weight.

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

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



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