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

CONFIGURATIONS

Plow Trench Cable Tray
Rodent Protection

4-way 7-way 19-way

Directional Bore

OVERSHEATH & MICRODUCT COLORS

Custom Colors Available

STANDARD

SEQUENTIAL FOOT OR METER MARKINGS Custom print streams available.

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

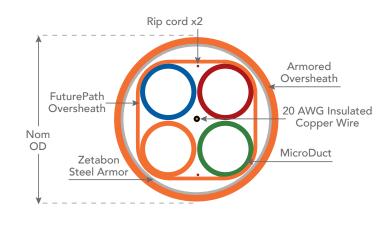
SILICORE® ULF (Ultra-Low Friction) is co-extruded inside the HDPE wall creating a slick, permanent, interior lining. With a coefficient of friction 60% lower than standard HDPE conduit without the aid of wet lubricants, SILICORE ULF exhibits no loss in performance over time or in extreme temperature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

SHIPS ON STANDARD REEL

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

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

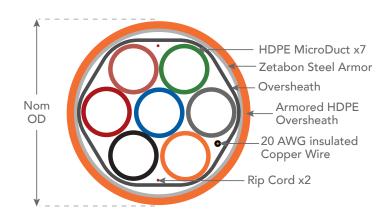
^{*} Total Weight does not include Zetabon weight.

** 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

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

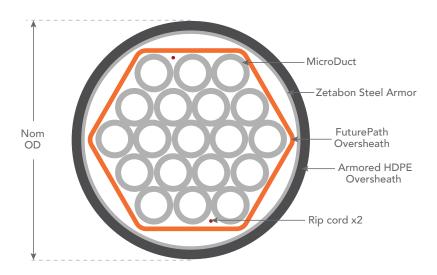
^{*} Total Weight does not include Zetabon weight.

** 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

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