

MICROTECHNOLOGY

FUTUREPATH JUMBO 2-WAY

- FuturePath configuration consisting of two conduits, available in your choice of True SDR 11.5 or SDR 11
- A perfect choice for customers who would like to plan for future possibilities using larger standard fiber cables for one installation cost
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct

INSTALLATION TYPES

Plow
Trench
MicroTrench
Directional Bore
Tray

STANDARD COLORS

Oversheath

Conduit
 
Custom Colors Available

CONFIGURATIONS

(2) 1" SDR 11
(2) 1 1/4" SDR 11
(2) 1 1/4" True SDR 11.5



STANDARD

SPECIFICATIONS/DETAILS FuturePath Jumbo is a unit of bundled conduits. Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356.

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® 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.

LOCATE WIRE Available with or without a 20 AWG insulated copper wire

RIP CORDS For easy opening of the oversheath

OPTIONS

INTERNAL RIBS Internal ribs available upon request

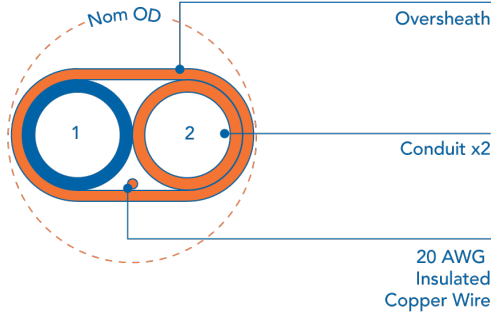
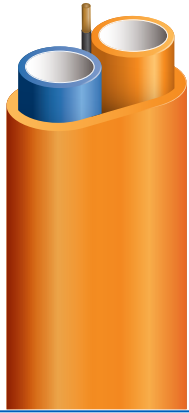
FEATURES



+1 800 847 7661
WWW.DURALINE.COM



FUTUREPATH JUMBO 2-WAY TECHNICAL SPECIFICATIONS



WALL TYPES	MAX OD (IN)	HEIGHT (IN)	WIDTH (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
1" SDR 11	2.77	1.46	2.77	0.070	0.601	42	69	3,281
1 1/4" SDR 11	3.47	1.80	3.47	0.070	0.879	51	86	4,799
1 1/4" TRUE SIDR 11.5	3.18	1.61	3.18	0.070	0.728	48	80	3,610

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

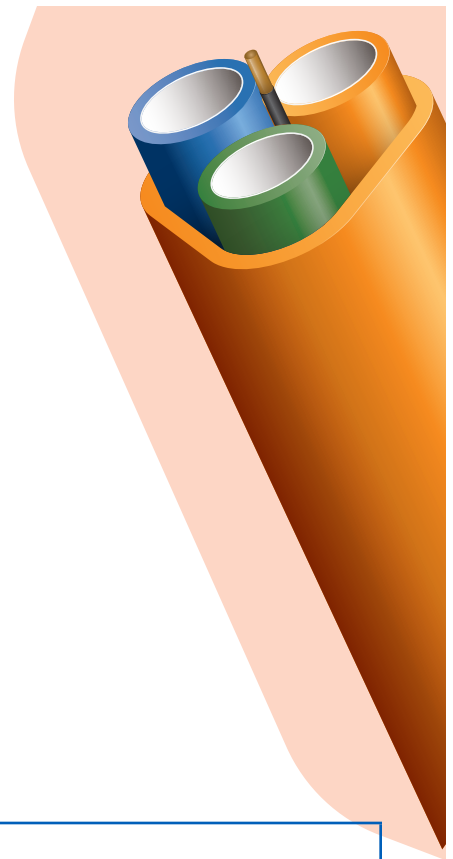
* Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.

SMOOTHWALL DUCT TECHNICAL SPECIFICATIONS

DUCT TYPE	OD (IN/MM)	MIN ID (IN/MM)
1" SDR 11	1.315/33.40	1.035/26.30
1 1/4" SDR 11	1.660/42.16	1.313/33.35
1 1/4" TRUE SIDR 11.5	1.488/37.80	1.230/31.10

MICROTECHNOLOGY

FUTUREPATH JUMBO 3-WAY



- FuturePath configuration consisting of three conduits, available in a variety of sizes and wall types
- A perfect choice for customers who would like to plan for future possibilities using larger standard fiber cables for one installation cost
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct

INSTALLATION TYPES

Plow
Trench
MicroTrench
Directional Bore
Tray

STANDARD COLORS

Oversheath

Conduit
  
Custom Colors Available

CONFIGURATIONS

(3) 1" SDR 13.5
(3) 1" True SDR 11.5
(3) 1 1/4" SDR 11
(3) 1 1/4" SDR 13.5
(3) 1 1/4" True SDR 11.5

FEATURES

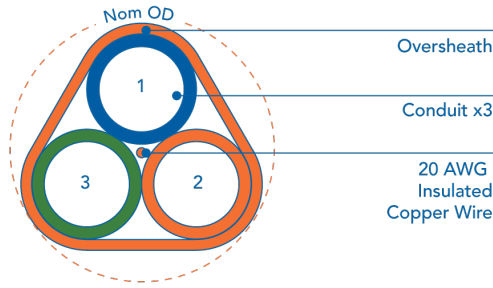
STANDARD
SPECIFICATIONS/DETAILS FuturePath Jumbo is a unit of bundled conduits. Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356.
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® 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.
LOCATE WIRE Available with or without a 20 AWG insulated copper wire
RIP CORDS For easy opening of the overshooth
OPTIONS
INTERNAL RIBS Internal ribs available upon request



+1 800 847 7661
WWW.DURALINE.COM



FUTUREPATH JUMBO 3-WAY TECHNICAL SPECIFICATIONS



WALL TYPES	MAX OD (IN)	HEIGHT (IN)	WIDTH (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
1" SDR 13.5	2.97	2.59	2.77	0.070	0.741	45	74	4,046
1" TRUE SIDR 11.5	2.67	2.33	2.49	0.070	0.620	40	73	3,384
1 1/4" SDR 11	3.70	3.24	3.46	0.070	1.237	55	92	6,756
1 1/4" SDR 13.5	3.70	3.24	3.46	0.070	1.089	55	92	5,945
1 1/4" TRUE SIDR 11.5	3.35	2.92	3.12	0.070	0.903	44	73	4,930

† 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.

SMOOTHWALL DUCT TECHNICAL SPECIFICATIONS

DUCT TYPE	OD (IN/MM)	MIN ID (IN/MM)
1" SDR 13.5	1.315/33.40	1.080/27.30
1" True SIDR 11.5	1.174/29.81	0.955/24.30
1 1/4" SDR 11	1.660/42.16	1.313/33.35
1 1/4" SDR 13.5	1.660/42.16	1.374/34.90
1 1/4" TRUE SIDR 11.5	1.488/37.80	1.230/31.10



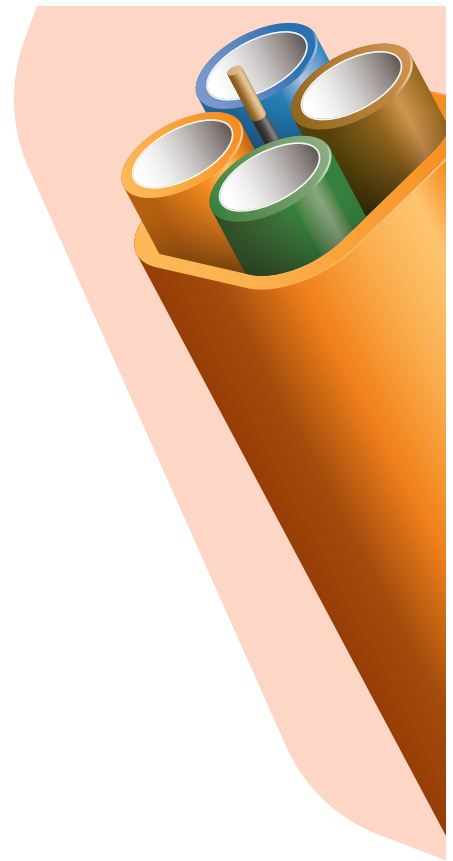
+1 800 847 7661
WWW.DURALINE.COM



MICROTECHNOLOGY

FUTUREPATH JUMBO 4-WAY

- FuturePath configuration consisting of four conduits, available in a variety of sizes and wall types
- A perfect choice for customers who would like to plan for future possibilities using larger standard fiber cables for one installation cost
- No special tools or equipment needed; installation uses the same as traditional conduit or innerduct



INSTALLATION TYPES

- Plow
- Trench
- MicroTrench
- Directional Bore
- Tray

STANDARD COLORS

- Oversheath
- Conduit
- Custom Colors Available

CONFIGURATIONS

- (4) 1" SDR 11
- (4) 1" SDR 13.5
- (4) 1 1/4" SDR 11
- (4) 1 1/4" True SDR 11.5

FEATURES

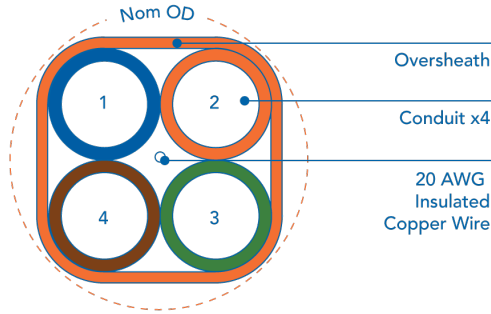
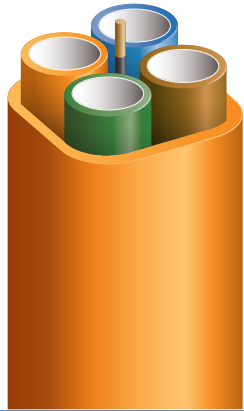
STANDARD
SPECIFICATIONS/DETAILS FuturePath Jumbo is a unit of bundled conduits. Manufactured from flexible HDPE (High Density Polyethylene). All Smoothwall conduit dimensions meet or exceed one or more of the following: ASTM F-2160, ASTM D-3350, ASTM D-3485, NEMA TC-7, UL 651A, UL 1990, Bellcore GR-356.
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® 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.
LOCATE WIRE Available with or without a 20 AWG insulated copper wire
RIP CORDS For easy opening of the oversheath
OPTIONS
INTERNAL RIBS Internal ribs available upon request



+1 800 847 7661
WWW.DURALINE.COM



FUTUREPATH JUMBO 4-WAY TECHNICAL SPECIFICATIONS



WALL TYPES	MAX OD (IN)	HEIGHT (IN)	WIDTH (IN)	OVERSHEATH (IN)	WEIGHT (LB/FT)	BEND RADIUS SUP (IN)	BEND RADIUS UNSUP (IN)	SWPS (LB)
1" SDR 11	3.32	2.77	2.77	0.070	1.076	42	69	5,874
1" SDR 13.5	3.32	2.77	2.77	0.070	0.966	42	69	5,173
1 1/4" TRUE SIDR 11.5	3.74	3.12	3.12	0.070	1.182	56	94	6,315
1 1/4" SDR 11	4.16	3.47	3.47	0.070	1.598	62	104	8,730

† 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.

SMOOTHWALL DUCT TECHNICAL SPECIFICATIONS

DUCT TYPE	OD (IN/MM)	MIN ID (IN/MM)
1" SDR 11	1.315/33.40	1.035/26.30
1" SDR 13.5	1.315/33.40	1.080/27.30
1 1/4" TRUE SIDR 11.5	1.488/37.80	1.230/31.10
1 1/4" SDR 11	1.660/42.16	1.313/33.35