

FEATURES:

- MicroDucts factory bundled with a polyethylene oversheath: Configurations: 7-way, 4-way, 3-way or 2-way
- Cost-Effective – multiple pathways for one installation cost
- Ships on a Standard Reel
- FuturePath is designed for installation using the same tools and equipment that are used for traditional conduit or innerduct. No special tools or equipment are required.
- Multiple pathways in place for Future growth
- Optional 20 gauge locate wire making locates easy and reliable

INSTALLATION APPLICATION:

Underground, Plowed, Open Trench, Directional Drilled, Saw Cut

MARKET APPLICATION:



COLOR:



FEATURES:

FOOTAGE MARKINGS Sequential foot or meter markings. Custom print streams available.



SUPER SILICORE™ SUPER SILICORE is co-extruded with the tough HDPE wall creating a permanent, super slippery interior lining. It has the lowest co-efficient of friction compared to other options, no performance loss in all temperature conditions and functions without additional wet lubricants.

MATERIALS

Available in ✓ HDPE ● Riser Rated ■ Plenum ★ LSHF

RIP CORD

Rip Cord(s) for easy opening of the sheath.

LOCATE WIRE

FuturePath configurations are available with or without a 20 AWG Isulated Copper Wire.

INTERNAL RIBS

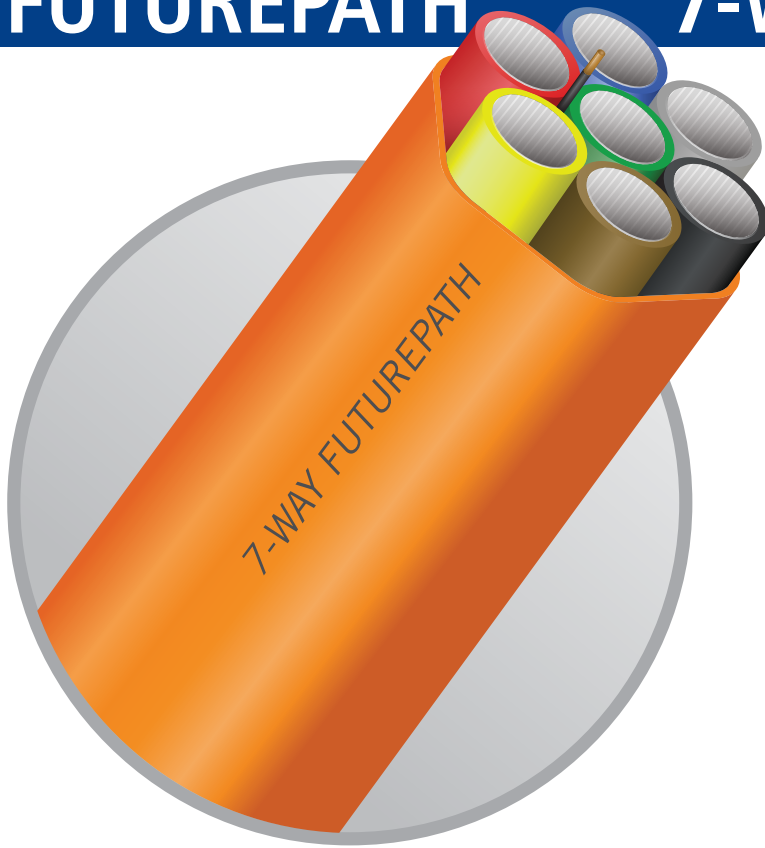
Smooth or Straight Ribs are available with FuturePath. Options vary by MicroDuct Size.

THICKER OVERSHEATH

Available in most configurations to meet your needs for more rugged projects.

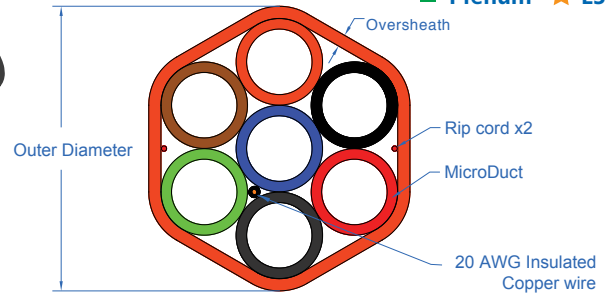
FUTUREPATH

7-WAY



Available Materials:

- ✓ HDPE ● Riser Rated
- Plenum ★ LSHF



MICRODUCT INFO FOR 7-WAY:	
OD/ID mm	MIN ID mm/in
22/16	15.5/0.61
18/14	13.6/0.54
16/13	12.8/0.50
16/11.76	11.54/0.45
14/10	9.8/0.39
12.7/10	9.8/0.39
10/8	7.9/0.31
8.5/6	5.9/0.23
7/5.5	5.4/0.21
5/3.5	3.4/0.13

OD/ID (mm)	Nom OD (in.)	Over Sheath (in)	Weight (#/ft)	Bend Radius Supported (in.)	Bend Radius Unsupported (in.)	Safe Working Pull Strength(lbs)
22 / 16	2.62	0.050	0.869	26	52	5,001
18 / 14	2.08 / 2.27	0.070	0.656	21 / 23	42 / 46	3,522
18 / 14 (Thicker OS)	2.33	0.100	0.743	23	46	3,998
16 / 13	1.86 / 2.03	0.070	0.471	19 / 20	38 / 40	2,530
16 / 13 (Thicker OS)	1.91 / 2.08	0.100	0.550	19/ 21	38 / 42	2,962
16 / 11.76	1.86 / 2.03	0.070	0.593	19 / 20	38 / 40	3,171
16 / 11.76 (Thicker OS)	1.92 / 2.09	0.100	0.671	19 / 21	38 / 40	3,597
14 / 10	1.62/1.77	0.050	0.465	16 / 18	32 / 36	2,474
14 / 10 (Thicker OS)	1.72/1.87	0.100	0.579	17 / 19	34 / 38	3,096
12.7 / 10	1.51 / 1.64	0.070	0.360	15 / 17	30 / 34	1,926
12.7 / 10 (Thicker OS)	1.56 / 1.70	0.100	0.424	16 / 17	32 / 34	2,264
10 / 8	1.18 / 1.29	0.050	0.204	12 / 13	24 / 25	1,080
8.5 / 6 (No Locate)	1.04 / 1.13	0.060	0.207	11 / 12	22 / 24	1,112
7 / 5.5	0.930	0.050	0.116	9	18	633
5 / 3.5 (No Locate)	0.62 / 0.67	0.040	0.075	6 / 7	12/14	409

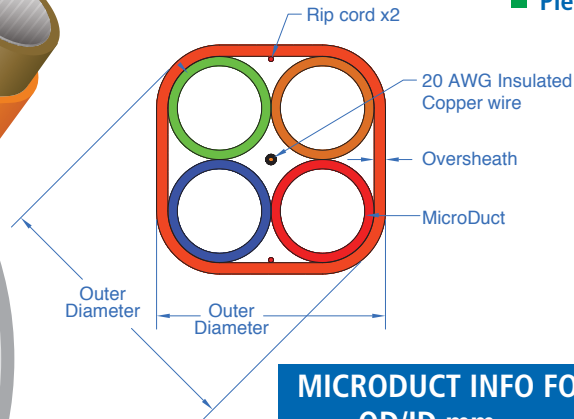
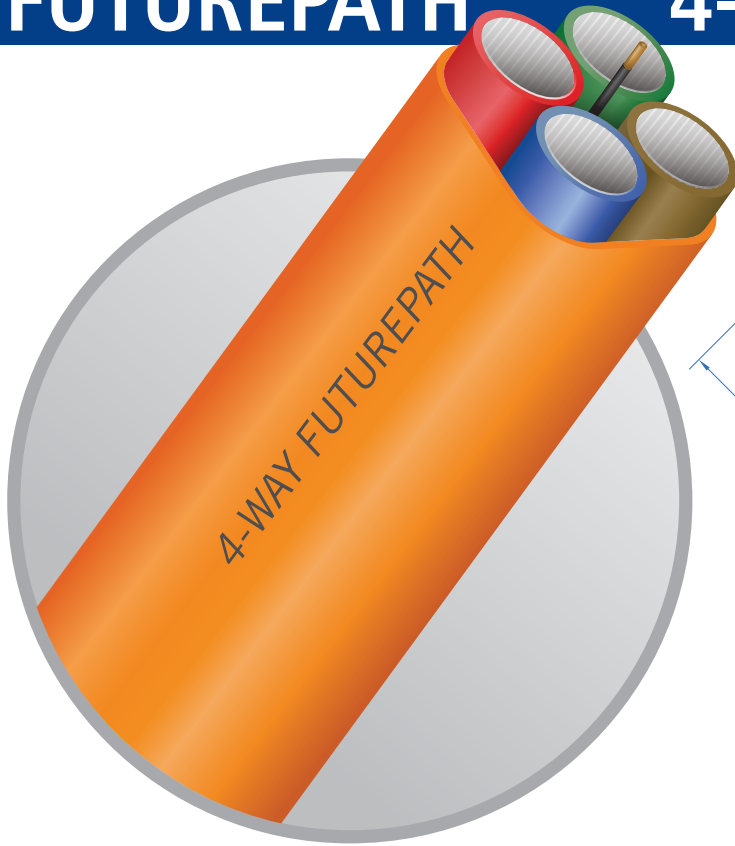
Unsupported Bend Radius guidelines should be followed during the installation process. The Supported Bend Radius are post-installation measurements.

FUTUREPATH

4-WAY



Available Materials:
 ✓ HDPE ● Riser Rated
 ■ Plenum ★ LSHF



MICRODUCT INFO FOR 4-WAY:	
OD/ID mm	MIN ID mm/in
22/16	15.5/0.61
18/14	13.6/0.54
16/13	12.8/0.50
16/11.76	11.54/0.45
14/10	9.8/0.39
12.7/10	9.8/0.39
10/8	7.9/0.31
8.5/6	5.9/0.23
5/3.5	3.4/0.13

OD/ID (mm)	Nom OD (in.)	Over Sheath (in)	Weight (#/ft)	Bend Radius Supported (in.)	Bend Radius Unsupported (in.)	Safe Working Pull Strength (lbs)
22 / 16	1.78/2.13	0.050	0.531	18 / 22	36 / 44	2,840
18 / 14	1.56 / 1.86	0.070	0.417	16 / 19	32 / 38	2,243
18 / 14 (Thicker OS)	1.62 / 1.91	0.100	0.482	16 / 20	32 / 40	2,598
16 / 13	1.39 / 1.65	0.070	0.308	14 / 17	28 / 34	1,658
16 / 13 (Thicker OS)	1.45/1.71	0.100	0.370	15 / 17	30 / 34	1,996
16 / 13 (Flat)	0.73 / 2.62	0.050	0.290	8 / 26	16 / 52	1,516
16 / 11.76	1.40 / 1.66	0.070	0.376	14 / 17	28 / 34	2,015
16 / 11.76 (Thicker OS)	1.46/1.72	0.100	0.439	15 / 17	30 / 34	2,359
14 / 10	1.25/1.47	0.070	0.320	12 / 15	24 / 30	1,709
12.7 / 10	1.14/1.34	0.070	0.236	12 / 14	24 / 48	1,260
12.7 / 10 (Thicker OS)	1.20 / 1.41	0.100	0.289	12 / 14	24 / 28	1,549
12.7 / 10 (Flat)	0.060 / 2.09	0.050	0.223	6 / 21	12 / 42	1,189
10 / 8	0.87 / 1.04	0.040	0.120	9 / 11	18 / 21	635
10 / 8 (Thicker OS)	0.93 / 1.09	0.070	0.157	10 / 11	20 / 22	837
8.5 / 6 (No Locate)	0.79 / 0.93	0.060	0.136	8 / 10	16 / 20	733
5 / 3.5 (No Locate)	0.48 / 0.56	0.040	0.050	5 / 6	10 / 12	276

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FUTUREPATH

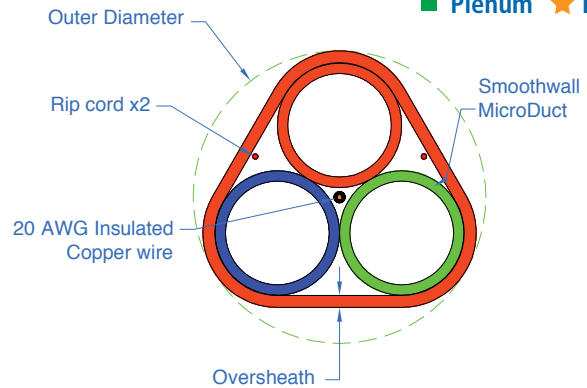
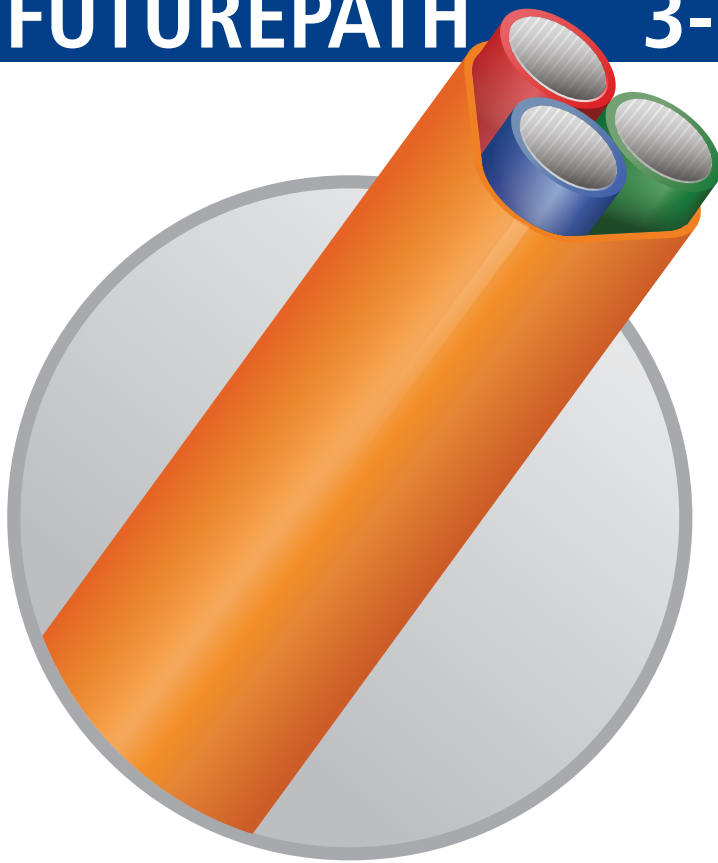
3-WAY

TL9000



Available Materials:

- ✓ HDPE ● Riser Rated
- Plenum ★ LSHF



MICRODUCT INFO FOR 3-WAY:

OD/ID mm	MIN ID mm/in
22/16	15.5/0.61
18/14	13.6/0.54
16/13	12.8/0.50
16/11.76	11.54/0.45
14/10	9.8/0.39
12.7/10	9.8/0.39
10/8	7.9/0.31
8.5/6	5.9/0.23

OD/ID (mm)	Nom OD (in.)	Over Sheath (in)	Weight (#/ft)	Bend Radius Supported (in.)	Bend Radius Unsupported (in.)	Safe Working Pull Strength (Lbs)
22 / 16	1.67/1.79	0.050	0.413	17 / 18	34 / 36	2,111
18 / 14	1.47 / 1.67	0.070	0.330	15 / 17	30 / 34	1,776
18 / 14 (Thicker OS)	1.73	0.100	0.387	18	36	2,087
18 / 14 (Flat)	0.81 / 2.23	0.050	0.306	8 / 23	16 / 46	1,645
16 / 13	1.31 / 1.49	0.070	0.247	13 / 15	26 / 30	1,331
16 / 13 (Flat)	0.73 / 1.98	0.050	0.220	8 / 20	16 / 40	1,184
16 / 11.76	1.31 / 1.49	0.070	0.298	13 / 15	26 / 30	1,598
16 / 11.76 (Flat)	0.73 / 1.98	0.050	0.271	8 / 20	16 / 40	1,418
14 / 10	0.64/1.74	0.040	0.217	7 / 18	14 / 36	1,157
12.7 / 10	1.08 / 1.14	0.070	0.191	11 / 12	22 / 24	1,021
10 / 8	0.88 / 0.99	0.070	0.128	9 / 10	18 / 20	684
10 / 8 (Flat)	0.50/1.29	0.050	0.116	5 / 13	10 / 26	619
10 / 8 (Flat/Double OS)	0.55/1.34	0.040/0.040	0.154	6 / 14	12 / 24	826
8.5 / 6 (No Locate)	0.75 / 0.85	0.060	0.110	8 / 9	16 / 18	593
5 / 3.5	0.45/0.48	0.040	0.040	5/5	10/10	220

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FUTUREPATH

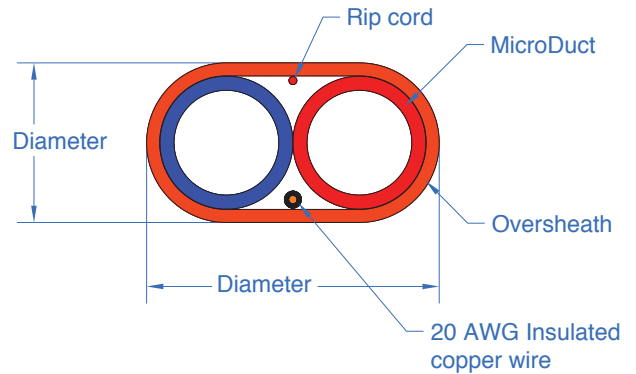
2-WAY

TL9000



Available Materials:

- ✓ HDPE ● Riser Rated
- Plenum ★ LSHF



MICRODUCT INFO FOR 2-WAY:	
OD/ID mm	MIN ID mm/in
22/16	15.5/0.61
18/14	13.6/0.54
16/13	12.8/0.50
16/11.76	11.54/0.45
14/10	9.8/0.39
12.7/10	9.8/0.39
10/8	7.9/0.31
8.5/6	5.9/0.23
5/3.5	3.4/0.13

OD/ID (mm)	Nom OD (in.)	Over Sheath (in)	Weight (#/ft)	Bend Radius Supported (in.)	Bend Radius Unsupported (in.)	Safe Working Pull Strength (lbs)
22 / 16	0.94/1.79	0.050	0.295	10	20	1,581
18 / 14	0.85 / 1.56	0.070	0.244	9 / 16	18 / 32	1,316
18 / 14 (Thicker OS)	0.91 / 1.62	0.100	0.292	9 / 16	18 / 32	1,578
16 / 13	0.73 / 1.35	0.050	0.153	7 / 14	14 / 28	824
16 / 11.76	0.73 / 1.35	0.050	0.186	8 / 14	16 / 28	972
16 / 11.76 (Thicker OS)	0.83/1.45	0.100	0.266	8 / 15	16 / 30	1,433
14 / 10	0.64/1.19	0.040	0.149	7 / 12	14 / 24	795
12.7 / 10	0.60 / 1.10	0.050	0.119	6 / 11	12 / 22	635
12.7 / 10 (Thicker OS)	0.64 / 1.14	0.070	0.143	7 / 12	14 / 24	766
10 / 8	0.47 / 0.87	0.040	0.070	5 / 9	10 / 18	373
10 / 8 (Thicker OS)	0.50 / 0.89	0.050	0.081	5 / 9	10 / 18	433
8.5 / 6 (No Locate)	0.44 / 0.77	0.050	0.075	5 / 8	10 / 16	404
5 / 3.5 (No Locate)	0.26 / 0.45	0.030	0.026	3 / 5	6/10	143

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FUTUREPATH

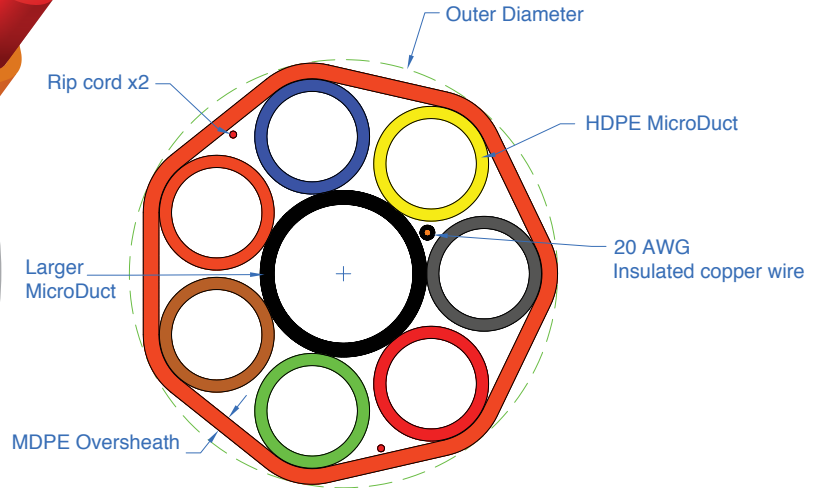
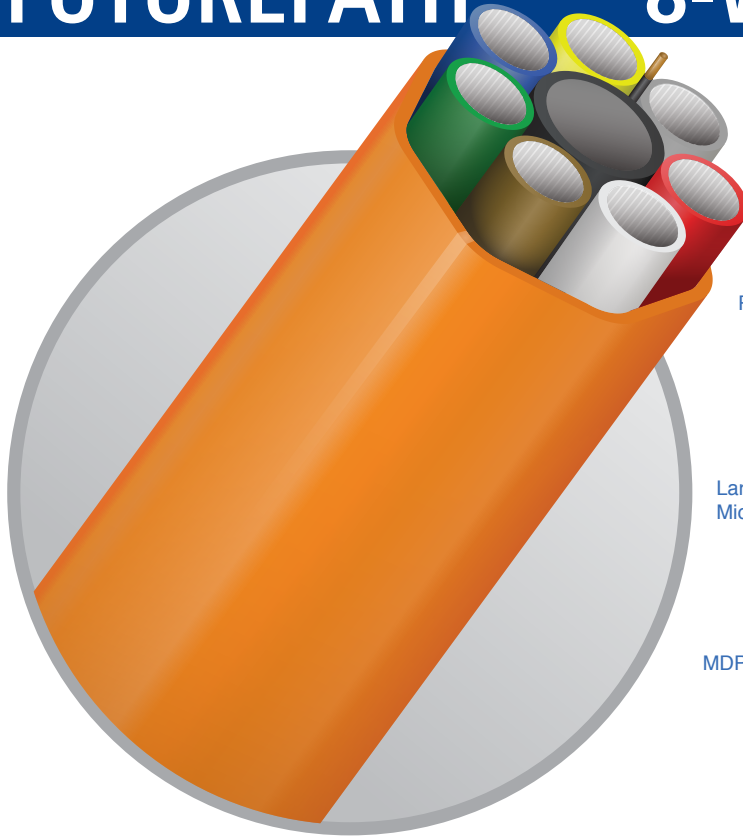
8-WAY

TL9000



Available Materials:

- ✓ HDPE ● Riser Rated
- Plenum ★ LSHF



MICRODUCT INFO FOR 8-WAY:

OD/ID mm	MIN ID mm/in
16/13	12.8/0.50
12.7/10	9.8/0.39

OD/ID (mm)	Nom OD (in.)	Over Sheath (in)	Weight (#/ft)	Bend Radius Supported (in.)	Bend Radius Unsupported (in.)	Safe Working Pull Strength (lbs)
12.7 / 10 x 7 + 16 / 13 x 1	1.74/1.79	0.070	0.416	18/18	36/36	2,215

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