

# FUTUREPATH SPECS

## 27mm/20mm [HDPE MicroDuct Min ID 20.7mm/0.81"]

NUMBER OF MICRODUCTS	OUTSIDE DIAMETER (IN.)	TOTAL WEIGHT (#/FT.)	BEND RADIUS SUPPORTED	BEND RADIUS UNSUPPORTED	SAFE WORKING PULL STRENGTH (SWPS) LBS	HDPE	RISER	LSHF	PLENUM
2	1.15/2.27	0.374	17	29	2,042	✓			
3	2.06/2.37	0.532	31	52	2,847	✓			
4	2.20/2.64	0.686	33	55	3,669	✓			

## 22mm/16mm [HDPE MicroDuct Min ID 15.5mm/0.61"]

NUMBER OF MICRODUCTS	OUTSIDE DIAMETER (IN.)	TOTAL WEIGHT (#/FT.)	BEND RADIUS SUPPORTED	BEND RADIUS UNSUPPORTED	SAFE WORKING PULL STRENGTH (SWPS) LBS	HDPE	RISER	LSHF	PLENUM
2	0.94/1.79	0.295	10	20	1,581	✓			
3	1.67/1.79	0.413	17	34	2,211	✓			
4	1.78/2.13	0.531	18	36	2,840	✓			
7	2.62	0.869	26	52	5,001	✓			

## 18mm/14mm [HDPE MicroDuct Min ID 13.6mm/0.54"]

NUMBER OF MICRODUCTS	OUTSIDE DIAMETER (IN.)	TOTAL WEIGHT (#/FT.)	BEND RADIUS SUPPORTED	BEND RADIUS UNSUPPORTED	SAFE WORKING PULL STRENGTH (SWPS) LBS	HDPE	RISER	LSHF	PLENUM
2	0.85/1.56	0.244	9/16	18/32	1,316	✓			
3	1.47/1.67	0.330	15/17	30/34	1,776	✓			
4	1.56/1.86	0.417	16/16	32/38	2,243	✓			
7	2.08/2.27	0.656	21/23	42/46	3,522	✓			
2 (Thicker OS)	0.91/1.62	0.292	9/16	18/32	1,578	✓			
3 (Thicker OS)	1.73	0.387	18	36	2,087	✓			
4 (Thicker OS)	1.62/1.91	0.482	16/20	32/40	2,598	✓			
7 (Thicker OS)	2.33	0.743	23	46	3,998	✓			
3 (Flat)	0.81/2.23	0.306	8/23	16/46	1,645	✓			

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**16mm/13mm [HDPE MicroDuct Min ID 12.8mm/0.50"]**

NUMBER OF MICRODUCTS	OUTSIDE DIAMETER (IN.)	TOTAL WEIGHT (#/FT.)	BEND RADIUS SUPPORTED	BEND RADIUS UNSUPPORTED	SAFE WORKING PULL STRENGTH (SWPS) LBS	HDPE	RISER	LSHF	PLENUM
2	0.73/1.35	0.153	7/14	14/28	824	✓			
3	1.31/1.49	0.247	13/15	26/30	1,331	✓			
4	1.39/1.65	0.308	14/17	28/34	1,658	✓			
7	1.86/2.03	0.471	19/20	38/40	2,530	✓			
4 (Thicker OS)	1.45/1.71	0.370	15/17	30/34	1,996	✓			
7 (Thicker OS)	1.91/2.08	0.550	19/21	38/42	2,962	✓			
3 (Flat)	0.73/1.98	0.220	8/20	16/40	1,184	✓			
4 (Flat)	0.73/2.62	0.290	8/26	16/52	1,516	✓			

**16mm/12mm [HDPE MicroDuct Min ID 11.6mm/0.46"]**

NUMBER OF MICRODUCTS	OUTSIDE DIAMETER (IN.)	TOTAL WEIGHT (#/FT.)	BEND RADIUS SUPPORTED (IN)	BEND RADIUS UNSUPPORTED (IN)	SAFE WORKING PULL STRENGTH (SWPS) LBS	HDPE	RISER	LSHF	PLENUM
2	0.73/1.35	0.183	8/14	16/28	976	✓			
3	1.31/1.49	0.292	13/15	26/30	1,559	✓			
4	1.40/1.66	0.368	14/17	28/34	1,963	✓			
7	1.86/2.03	0.579	19/21	38/42	3,079	✓			
2 (Thicker OS)	0.83/1.45	0.260	8/15	16/30	1,396	✓			
4 (Thicker OS)	1.46/1.72	0.431	15/17	30/34	2,307	✓			
7 (Thicker OS)	1.92/2.09	0.657	19/21	38/42	3,505	✓			
3 Flat	0.73/1.98	0.265	8/20	16/40	1,412	✓			

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**12.7mm/10mm** [HDPE MicroDuct Min ID 9.8mm/0.39"] [Riser MicroDuct Min ID 9.5mm/0.37"] [Plenum MicroDuct Min ID 9.8mm/0.39"]

NUMBER OF MICRODUCTS	OUTSIDE DIAMETER (IN.)	TOTAL WEIGHT (#/FT.)	BEND RADIUS SUPPORTED (IN)	BEND RADIUS UNSUPPORTED (IN)	SAFE WORKING PULL STRENGTH (SWPS) LBS	HDPE	RISER	LSHF	PLENUM
2	0.60/1.10	0.119	6/11	12/22	635	✓			
2	0.60/1.10	0.151	6/11	12/22	665		✓		
2	0.60/1.10	0.141	6/11	12/22	561			✓	
2	0.50/1.05	0.156	5/11	10/22	745				✓
3	1.08/1.14	0.191	11/12	22/23	1,021	✓			
3	1.08/1.14	0.230	11/12	22/24	1,060		✓		
3	1.08/1.14	0.223	11/12	22/24	891			✓	
3	1.05/1.13	0.218	11/12	22/24	1,004				✓
4	1.14/1.34	0.236	12/14	24/48	1,260	✓			
4	1.14/1.35	0.285	12/14	24/28	1,303		✓		
4	1.14/1.35	0.277	12/14	24/28	1,100			✓	
4	1.09/1.30	0.338	11/13	22/26	1,676				✓
7	1.51/1.64	0.360	15/17	30/32	1,926	✓			
7	1.51/1.64	0.433	15/17	30/34	1,945		✓		
7	1.51/1.64	0.422	15/17	30/34	1,650			✓	
7	1.46/1.59	0.530	15/16	30/32	2,496				✓
12	1.95/2.14	0.566	20/22	40/44	3,004	✓			
19	2.37/2.64	0.826	24/27	48/54	4,373	✓			
2 (Thicker OS)	0.64/1.14	0.143	7/12	14/24	766	✓			
4 (Thicker OS)	1.20/1.41	0.289	12/14	24/28	1,549	✓			
7 (Thicker OS)	1.56/1.70	0.424	16/17	32/34	2,264	✓			
4 Flat	0.60/2.09	0.223	6/21	12/42	1,189	✓			

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10mm/8mm [HDPE MicroDuct Min ID 7.9mm/0.31"]

NUMBER OF MICRODUCTS	OUTSIDE DIAMETER (IN.)	TOTAL WEIGHT (#/FT.)	BEND RADIUS SUPPORTED (IN)	BEND RADIUS UNSUPPORTED (IN)	SAFE WORKING PULL STRENGTH (SWPS) LBS	HDPE	RISER	LSHF	PLENUM
2	0.47/0.87	0.070	5/9	10/18	373	✓			
3	0.88/0.99	0.128	9/10	18/20	684	✓			
4	0.87/1.04	0.120	9/11	18/21	635	✓			
4	0.84/1.00	0.188	9/10	18/20	884				✓
7	1.18/1.29	0.204	12/13	24/25	1,080	✓			
7	1.17/1.27	0.363	12/13	24/26	1,787				✓
9	1.28/1.61	0.252	13/15	26/32	1,332	✓			
12	1.52/1.70	0.314	15/17	30/34	1,655	✓			
19	1.88/2.09	0.489	19/21	38/42	2,577	✓			
2 (Thicker OS)	0.50/0.89	0.081	5/9	10/18	433	✓			
4 (Thicker OS)	0.93/1.09	0.157	10/11	20/22	837	✓			

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# FUTUREPATH SPECS

**8.5mm/6mm [HDPE MicroDuct Min ID 5.9mm/0.23"] [Riser MicroDuct Min ID 5.9mm/0.23"] [Plenum MicroDuct Min ID 6.7mm/0.26"]**

NUMBER OF MICRODUCTS	OUTSIDE DIAMETER (IN.)	TOTAL WEIGHT (#/FT.)	BEND RADIUS SUPPORTED (IN)	BEND RADIUS UNSUPPORTED (IN)	SAFE WORKING PULL STRENGTH (SWPS) LBS	HDPE	RISER	LSHF	PLENUM
2	0.44/0.77	0.075	5/8	10/16	404	✓			
2	0.44/0.77	0.091	5/8	10/16	419		✓		
2	0.44/0.77	0.088	5/8	10/16	354			✓	
2	0.38/0.71	0.076	4/8	8/16	377				✓
3	0.75/0.79	0.110	8/9	16/18	593	✓			
3	0.75/0.79	0.134	8/9	16/18	615		✓		
3	0.75/0.85	0.129	8/9	16/18	518			✓	
3	0.67/0.71	0.106	7/8	14/16	508				✓
4	0.79/0.93	0.136	8/10	16/20	733	✓			
4	0.79/0.93	0.165	8/10	16/20	749		✓		
4	0.79/0.93	0.159	8/10	16/20	634			✓	
4	0.71/0.85	0.134	8/9	16/18	626				✓
7	1.04/1.13	0.207	11/12	22/24	1,112	✓			
7	1.04/1.13	0.251	11/12	22/24	1,119		✓		
7	1.04/1.13	0.242	11/12	22/24	951			✓	
7	0.97/1.06	0.229	10/11	20/22	1,057				✓
12	1.33/1.48	0.322	13/15	26/30	1,727	✓			
12	1.33/1.46	0.392	13/15	26/30	1,724		✓		
12	1.33/1.48	0.376	13/15	26/30	1,461			✓	
12	1.26/1.41	0.369	13/14	26/28	1,644				✓
19	1.62/1.80	0.472	16/18	32/36	2,528	✓			
19	1.62/1.80	0.576	16/18	32/36	2,502		✓		
19	1.62/1.80	0.533	16/18	32/36	2,127			✓	
19	1.56/1.74	0.577	16/18	32/36	2,552				✓
24	1.62/2.13	0.577	16/21	32/42	3,035	✓			
24	1.62/2.13	0.706	16/21	32/42	3,050		✓		
24	1.62/2.13	0.647	16/21	32/42	3,567			✓	
24	1.52/2.07	0.713	16/21	32/42	3,111				✓

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# FUTUREPATH SPECS

**5mm/3.5mm [HDPE MicroDuct Min ID 3.4mm/0.13"] [Riser MicroDuct Min ID 3.4mm/0.13"] [Plenum MicroDuct Min ID 3.4mm/0.13"]**

NUMBER OF MICRODUCTS	OUTSIDE DIAMETER (IN.)	TOTAL WEIGHT (#/FT.)	BEND RADIUS SUPPORTED (IN)	BEND RADIUS UNSUPPORTED (IN)	SAFE WORKING PULL STRENGTH (SWPS) LBS	HDPE	RISER	LSHF	PLENUM
2	0.26/0.46	0.026	3/5	5/10	143	✓			
2	0.26/0.46	0.032	3/5	5/10	149		✓		
2	0.26/0.46	0.030	3/5	6/10	124			✓	
2	0.24/0.44	0.040	3/5	5/10	133				✓
3	0.45/0.48	0.040	5/5	10/10	220	✓			
3	0.45/0.48	0.049	5/5	10/10	232		✓		
3	0.45/0.48	0.048	5/5	10/10	194			✓	
3	0.41/0.44	0.055	4/5	8/10	272				✓
4	0.48/0.56	0.050	5/6	10/11	276	✓			
4	0.48/0.56	0.061	5/6	10/11	283		✓		
4	0.48/0.56	0.059	5/6	10/11	238			✓	
4	0.44/0.52	0.069	5/5	10/10	337				✓
7	0.62/0.67	0.075	6/7	13/14	409	✓			
7	0.62/0.68	0.091	6/7	12/14	418		✓		
7	0.62/0.68	0.088	6/7	12/14	353			✓	
7	0.58/0.63	0.111	6/7	12/14	517				✓
12	0.79/0.87	0.115	8/8	16/16	630	✓			
12	0.79/0.87	0.139	8/9	16/18	630		✓		
12	0.79/0.87	0.136	8/9	16/18	535			✓	
12	0.75/0.83	0.177	8/9	16/18	792				✓
19	0.96/1.07	0.168	10/11	19/22	920	✓			
19	0.96/1.07	0.203	10/11	19/22	909		✓		
19	0.96/1.07	0.197	10/11	19/22	770			✓	
19	0.93/1.04	0.280	10/11	20/22	1,252				✓
24	0.96/1.27	0.202	10/13	19/26	1,141	✓			
24	0.96/1.27	0.248	10/13	19/26	1,106		✓		
24	0.96/1.27	0.242	10/13	19/26	943			✓	
24	0.93/1.24	0.288	10/13	20/26	1,309				✓

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