

E X C E L O N

PE<sup>®</sup>

Stable and Durable Polyethylene Tubing



Physical Properties\*\*

Hardness, Shore D	PE 50
Tensile Strength, psi	1600
Elongation at Break, %	500
Brittle Temperature, °F	-76
Density	.921

\*\* Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.

PE

ID	OD	SIZE NO.	WALL	COLOR	LGTH	WKG. PSI AT 73°F	COILS/ BOX	APPROX. LBS./FT.	PART NO.
0.170	1/4	1	0.040	NATURAL	500'	135	4	0.0105	510150
0.170	1/4	1	0.040	BLACK	500'	135	4	0.0105	5101501
0.170	1/4	1	0.040	BLUE	500'	135	4	0.0105	5101502
0.170	1/4	1	0.040	GREEN	500'	135	4	0.0105	5101504
0.170	1/4	1	0.040	ORANGE	500'	135	4	0.0105	5101505
0.170	1/4	1	0.040	RED	500'	135	4	0.0105	5101507
0.170	1/4	1	0.040	WHITE	500'	135	4	0.0105	5101508
0.170	1/4	1	0.040	YELLOW	500'	135	4	0.0105	5101509
1/8	1/4	2	1/16	NATURAL	100'	180	10	0.0147	510210
1/8	1/4	2	1/16	NATURAL	500'	180	4	0.0147	510250
1/8	1/4	2	1/16	BLACK	500'	180	4	0.0147	5102501
3/16	5/16	3	1/16	NATURAL	100'	140	10	0.0196	510310
3/16	5/16	3	1/16	NATURAL	500'	140	4	0.0196	510350
3/16	5/16	3	1/16	BLACK	500'	140	4	0.0196	5103501
1/4	3/8	6	1/16	NATURAL	100'	120	7	0.0245	510610
1/4	3/8	6	1/16	NATURAL	500'	120	2	0.0245	510650
1/4	3/8	6	1/16	BLACK	500'	120	2	0.0245	5106501
1/4	3/8	6	1/16	BLUE	500'	120	2	0.0245	5106502
1/4	3/8	6	1/16	GREEN	500'	120	2	0.0245	5106504
1/4	3/8	6	1/16	ORANGE	500'	120	2	0.0245	5106505
1/4	3/8	6	1/16	RED	500'	120	2	0.0245	5106507
1/4	3/8	6	1/16	WHITE	500'	120	2	0.0245	5106508
1/4	3/8	6	1/16	YELLOW	500'	120	2	0.0245	5106509

- Produced from 100% virgin, low-density polyethylene resin
- Seven brilliant hues: red, yellow, orange, green, blue, black and white
- Superior working pressure
- Mirror-like smooth interior surface resulting in higher flow rate
- Excellent metal tubing alternative
- Strippable, siamese and multiple-bore configurations available

PE is a chemically inert, non-contaminating translucent tube that meets FDA standards, making it an ideal choice for laboratory, hospital, food and beverage applications.

PE's exceptional stability, long life and resistance to corrosion make it well suited for use with pneumatic controls, instrumentation and hydraulic applications.

Seven brilliant hues: red, yellow, orange, green, blue, black and white, plus a natural translucent grade, give system designers a wide selection of color coding for easy circuit traceability and identification.

EXCELON PE is available in strip-pable, siamese and multiple-bore configurations which reduce installation time and encourage the production of neat layouts in multiline systems.

PE can be custom formulated for electrical conductive properties, weather or fungus resistance.

PE is also available as a co-extruded liner material in applications where additional flexibility is required without sacrificing inertness.



TUBE SNIP CUTTER  
Part No: 39000

The Excelon Tube Snip Cutter easily makes clean, smooth cuts and works well with PE tubing.

Also available, Excelon Tube Snip Cutter Replacement Blades (Part No: 38000).

 **Thermoplastic Processes**  
ATPI Partners Corporation



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ID	OD	SIZE NO.	WALL	COLOR	LGTH	WKG. PSI AT 73°F	COILS/ BOX	APPROX. LBS./FT.	PART NO.
1/4	7/16	6A	1/16	NATURAL	100'	68	10	0.0110	5106710
5/16	7/16	9	1/16	NATURAL	100'	103	5	0.0294	510910
5/16	7/16	9	1/16	NATURAL	500'	103	2	0.0294	510950
3/8	1/2	12	1/16	NATURAL	100'	90	5	0.0343	511210
3/8	1/2	12	1/16	NATURAL	500'	90	2	0.0343	511250
3/8	1/2	12	1/16	BLACK	500'	90	2	0.0343	5112501
3/8	1/2	12	1/16	ORANGE	500'	90	2	0.0343	5112505
3/8	1/2	12	1/16	WHITE	500'	90	2	0.0343	5112508
3/8	1/2	12	1/16	YELLOW	500'	90	2	0.0343	5112509
1/2	5/8	18	1/16	NATURAL	100'	70	4	0.0441	511810
1/2	5/8	18	1/16	BLACK	100'	70	4	0.0441	5118101
5/8	3/4	24A	1/16	NATURAL	100'	60	2	0.0539	5124101
5/8	3/4	24A	1/16	BLACK	100'	60	2	0.0539	5124102
5/8	13/16	25	3/32	NATURAL	100'	82	2	0.0845	512510
5/8	7/8	26A	1/8	NATURAL	100'	100	1	0.1176	5126101
3/4	1	31	1/8	NATURAL	100'	90	1	0.1372	513110
7/8	1	31B	1/16	NATURAL	100'	45	1	0.0735	5131101
1	1-1/4	35	1/8	NATURAL	100'	72	1	0.1764	513510
1-1/4	1-1/2	38A	1/8	NATURAL	50'	59	1	0.2156	5138050
1-1/2	1-3/4	39B	1/8	NATURAL	50'	50	1	0.2548	5139052
2	2-1/4	42A	1/8	NATURAL	50'	39	1	0.3332	5142051



Product samples are available upon request.