

RF-PE

Polyethylene Tubing

- Produced from **100% virgin, low-density polyethylene resin**
- **Seven brilliant hues:** red, yellow, orange, green, blue, black and white
- Superior working pressure
- Excellent metal tubing alternative
- Strippable, siamese and multiple-bore configurations available

RF-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	RF510150
0.170	1/4	1	0.040	BLACK	500'	135	4	0.0105	RF5101501
0.170	1/4	1	0.040	BLUE	500'	135	4	0.0105	RF5101502
0.170	1/4	1	0.040	GREEN	500'	135	4	0.0105	RF5101504
0.170	1/4	1	0.040	ORANGE	500'	135	4	0.0105	RF5101505*
0.170	1/4	1	0.040	RED	500'	135	4	0.0105	RF5101507
0.170	1/4	1	0.040	WHITE	500'	135	4	0.0105	RF5101508*
0.170	1/4	1	0.040	YELLOW	500'	135	4	0.0105	RF5101509
1/8	1/4	2	1/16	NATURAL	100'	180	10	0.0147	RF510210
1/8	1/4	2	1/16	NATURAL	500'	180	4	0.0147	RF510250
1/8	1/4	2	1/16	BLACK	500'	180	4	0.0147	RF5102501*
3/16	5/16	3	1/16	NATURAL	100'	140	10	0.0196	RF510310
3/16	5/16	3	1/16	NATURAL	500'	140	4	0.0196	RF510350
3/16	5/16	3	1/16	BLACK	500'	140	4	0.0196	RF5103501*
1/4	3/8	6	1/16	NATURAL	100'	120	7	0.0245	RF510610
1/4	3/8	6	1/16	NATURAL	500'	120	2	0.0245	RF510650
1/4	3/8	6	1/16	BLACK	500'	120	2	0.0245	RF5106501
1/4	3/8	6	1/16	BLUE	500'	120	2	0.0245	RF5106502
1/4	3/8	6	1/16	GREEN	500'	120	2	0.0245	RF5106504
1/4	3/8	6	1/16	ORANGE	500'	120	2	0.0245	RF5106505*
1/4	3/8	6	1/16	RED	500'	120	2	0.0245	RF5106507
1/4	3/8	6	1/16	WHITE	500'	120	2	0.0245	RF5106508*
1/4	3/8	6	1/16	YELLOW	500'	120	2	0.0245	RF5106509
5/16	7/16	6A	1/16	NATURAL	100'	68	10	0.0110	RF5106710*
5/16	7/16	9	1/16	NATURAL	100'	103	5	0.0294	RF510910*
5/16	7/16	9	1/16	NATURAL	500'	103	2	0.0294	RF510950*
3/8	1/2	12	1/16	NATURAL	100'	90	5	0.0343	RF511210
3/8	1/2	12	1/16	NATURAL	500'	90	2	0.0343	RF511250
3/8	1/2	12	1/16	BLACK	500'	90	2	0.0343	RF5112501
3/8	1/2	12	1/16	ORANGE	500'	90	2	0.0343	RF5112505*
3/8	1/2	12	1/16	WHITE	500'	90	2	0.0343	RF5112508*
3/8	1/2	12	1/16	YELLOW	500'	90	2	0.0343	RF5112509
1/2	5/8	18	1/16	NATURAL	100'	70	4	0.0441	RF511810
1/2	5/8	18	1/16	BLACK	100'	70	4	0.0441	RF5118101
5/8	3/4	24A	1/16	NATURAL	100'	60	2	0.0539	RF5124101
5/8	3/4	24A	1/16	BLACK	100'	60	2	0.0539	RF5124102*
5/8	13/16	25	3/32	NATURAL	100'	82	2	0.0845	RF512510*
5/8	7/8	26A	1/8	NATURAL	100'	100	1	0.1176	RF5126101*
3/4	1	31	1/8	NATURAL	100'	90	1	0.1372	RF513110
7/8	1	31B	1/16	NATURAL	100'	45	1	0.0735	RF5131101
1	1-1/4	35	1/8	NATURAL	100'	72	1	0.1764	RF513510
1-1/4	1-1/2	38A	1/8	NATURAL	50'	59	1	0.2156	RF5138050
1-1/2	1-3/4	39B	1/8	NATURAL	50'	50	1	0.2548	RF5139052
2	2-1/4	42A	1/8	NATURAL	50'	39	1	0.3332	RF5142051*

RF-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.

RF-PE's **exceptional stability, long life and resistance to corrosion** makes 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**.

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

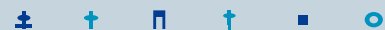
RF-PE can be **custom formulated for electrical conductive properties, weather or fungus resistance**.

RF-PE is also available as a **coextruded liner material in applications where additional flexibility is required without sacrificing inertness**.

Physical Properties*

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

* 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.



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