

Excelon®

LDPE



APPLICATIONS:
PNEUMATIC CONTROLS
INSTRUMENTATION
SKRIMP TUBING
VACUUM TUBING
CHEMICAL TRANSFER

Stable & Durable Low Density Polyethylene Tubing

- 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

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

LDPE'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 trace ability and identification.

Excelon® LDPE is available in strippable, siamese, and multiple-bore configurations which reduce installation time and encourage the production of neat layouts in multi-line systems.

LDPE can be custom-formulated for electrical conductive properties, weather, or fungus resistance. It is also available as a co-extruded liner material in applications where additional flexibility is required without sacrificing inertness.

PHYSICAL PROPERTIES

PROPERTIES	
Hardness, Shore D	50
Density	.919
Tensile Strength	1800 psi
Elongation at Break	650%
Brittle Temperature	-76°F

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.

LDPE SIZING CHART

ITEM NO.	ID	OD	WALL	COLOR	LENGTH	WKG. PSI @ 73°F
510150	.170	.250	.040	Natural	500'	135
5101501	.170	.250	.040	Black	500'	135
5101502	.170	.250	.040	Blue	500'	135
5101504	.170	.250	.040	Green	500'	135
5101505	.170	.250	.040	Orange	500'	135
5101507	.170	.250	.040	Red	500'	135
5101508	.170	.250	.040	White	500'	135
5101509	.170	.250	.040	Yellow	500'	135
510210	.125	.250	.062	Natural	100'	180
510250	.125	.250	.062	Natural	500'	180
5102501	.125	.250	.062	Black	500'	180
510310	.187	.312	.062	Natural	100'	140
510350	.187	.312	.062	Natural	500'	140
5103501	.187	.312	.062	Black	500'	140
510610	.250	.375	.062	Natural	100'	120

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.

Samples available upon request.

NSF 51 formulations available upon request.

Custom sizes and lengths available upon request.

REGULATORY COMPLIANCE: REACH, RoHS, FDA, and Prop 65 compliant

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LDPE SIZING CHART (CONTINUED)

ITEM NO.	ID	OD	WALL	COLOR	LENGTH	WKG. PSI @ 73°F
510650	.250	.375	.062	Natural	500'	120
5106501	.250	.375	.062	Black	500'	120
5106502	.250	.375	.062	Blue	500'	120
5106504	.250	.375	.062	Green	500'	120
5106505	.250	.375	.062	Orange	500'	120
5106507	.250	.375	.062	Red	500'	120
5106508	.250	.375	.062	White	500'	120
5106509	.250	.375	.062	Yellow	500'	120
510910	.312	.437	.062	Natural	100'	103
510950	.312	.437	.062	Natural	500'	103
511210	.375	.500	.062	Natural	100'	90
511250	.375	.500	.062	Natural	500'	90
5112501	.375	.500	.062	Black	500'	90
5112505	.375	.500	.062	Orange	500'	90
5112508	.375	.500	.062	White	500'	90
5112509	.375	.500	.062	Yellow	500'	90
511810	.500	.625	.062	Natural	100'	70
5118101	.500	.625	.062	Black	100'	70
5124101	.625	.750	.062	Natural	100'	60
5124102	.625	.750	.062	Black	100'	60
5126101	.625	.875	.125	Natural	100'	100
513110	.750	1	.125	Natural	100'	90
5131101	.875	1	.062	Natural	100'	45
513510	1	1.250	.125	Natural	100'	72
5138050	1.250	1.500	.125	Natural	50'	59
5139052	1.500	1.750	.125	Natural	50'	50
5142051	2	2.250	.125	Natural	50'	39

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