

flexFLO™ lite U 100 (100 UCLRD)

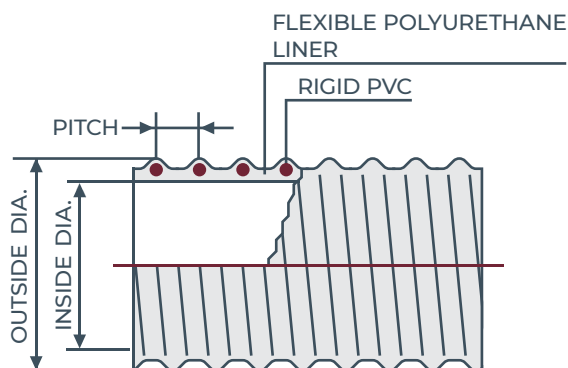


Medium-duty polyurethane dry material handling hose

Engineered for sub-zero flexibility. With a clear polyurethane-lined PVC tube, it ensures abrasion resistance, visual material flow check, and quiet operation. Ideal for dry material pneumatic conveying, plastic pellet and powder transfer (non-static), and diverse agricultural applications.

FEATURES

Lightweight and flexible in sub-zero temperatures. Clear polyurethane lined PVC tube provides abrasion resistance, permits visual check of material flow, prevents material build up, and provides quiet operation. Corrugated PVC O.D. with raised PVC helix for increased flexibility and easy drag.



APPLICATIONS

Dry material pneumatic conveying systems and plastic pellet and powder transfer when static is not a concern. Agricultural applications, such as air seeders, abrasive material vacuum systems, and industrial vac equipment.

CONSTRUCTION

Flexible polyurethane lined PVC tube, rigid PVC helix, smooth bore, PVC corrugated O.D.

TEMP. RANGE

-13°F to 140°F

ACCESSORIES

Banding coil, Powerlock clamp

NOTE

Not a food-grade hose.

Minimum Runs:

1" ID - 3000 ft min. runs	1.25" ID - 3000 ft min. runs
1.5" ID - 3000 ft min. runs	2" ID - 2500 ft min. runs
4" ID - 500 ft min. runs	5" ID - 300 ft min. runs
6" ID - 300 ft min. run	

AVAILABLE SIZES

ID in / mm	OD in / mm	Pitch in / mm	Minimum Bend Radius in / mm	Working Pressure PSI / bar	Vacuum Rating inHg / kPa	Weight lb/ft / kg/m	Standard Length ft / m
1 / 25.4	1.30 / 33	0.30 / 7.6	1.5 / 38	50 / 3.45	29.8 / 100.9	0.19 / 0.28	100* / 30.5*
1-1/4 / 31.8	1.58 / 40.1	0.33 / 8.4	2.0 / 51	45 / 3.1	29.8 / 100.9	0.24 / 0.36	100* / 30.5*
1-1/2 / 38.1	1.81 / 46	0.35 / 8.9	2.5 / 64	45 / 3.1	29.8 / 100.9	0.37 / 0.55	100* / 30.5*
2 / 50.8	2.36 / 59.9	0.39 / 9.9	3.0 / 76	40 / 2.76	29.8 / 100.9	0.50 / 0.74	100* / 30.5*
2-1/2 / 63.5	2.93 / 74.4	0.53 / 13.5	5.0 / 127	35 / 2.41	29.8 / 100.9	0.71 / 1.06	100 / 30.5
3 / 76.2	3.50 / 88.9	0.59 / 15	6.0 / 152	35 / 2.41	29.8 / 100.9	1.00 / 1.49	100 / 30.5
4 / 101.6	4.63 / 117.6	0.65 / 16.5	8.0 / 203	30 / 2.07	29.8 / 100.9	1.52 / 2.26	100** / 30.5*
5 / 127	5.73 / 145.5	0.87 / 22.1	11.0 / 279	30 / 2.07	28.0 / 94.8	2.50 / 3.72	50,100**/15.2, 30.5*
6 / 152.4	6.85 / 174	0.87 / 22.1	12.0 / 305	30 / 2.07	28.0 / 94.8	3.10 / 4.61	50,100**/15.2, 30.5*

Over flexing or repeated flexing of hose within 18" of fitting is a common cause of hose failure. Installing a 12"-14" section of our Banding Coil at the end of the hose should be considered. Kanaflex will not be responsible for damage to hose due to over flexing.