



ENGINEERING & TECHNICAL DATA — TL1 HOSE

INSIDE DIAMETER (IN)	APPROX. WEIGHT (LBS/FT)	WALL THICKNESS (IN)	CL BEND RADIUS (IN)	COMPRESSION RATIO	NEGATIVE PRESSURE (IN/HG)	WORKING PRESSURE (PSI)
.75	.09	.020	1	1.75:1	29	55
1	.12	.022	1.7	2:1	29	45
1.25	.17	.024	1.5	2:1	29	35
1.375	.2	.026	1.4	2.25:1	29	35
1.5	.22	.026	1.5	2:1	29	35
1.75	.25	.026	2	2:1	27	30
2	.32	.026	2.2	2:1	27	28
2.25	.37	.030	2.5	1.9:1	25	25
2.5	.4	.030	3.1	2:1	26	25
3	.5	.030	3.7	2:1	22	18
4	.72	.032	4	2:1	14	16
5	.92	.035	5.25	2:1	12	17
6	1.11	.035	6.25	2:1	10	12
7	1.32	.035	7	2:1	10	11
8	1.5	.035	8	2:1	6	10
9	1.65	.040	9.25	2:1	5	9
10	1.85	.040	9.5	2:1	4	7
12	2.8	.040	10	3:1	4	5

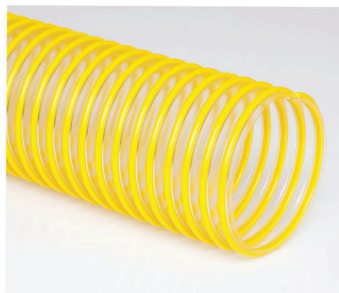
Technical data based on 2 ft. straight lengths of hose @ 72°

Construction: Medium weight coextruded PVC hose with a rigid external PVC helix

Temperature Range: 20°F to 160°F

Standard Color: Clear with Black Helix

Standard Lengths: 12 & 25 Feet (Available in 100' lengths up to 6" ID.)



ENGINEERING & TECHNICAL DATA — TL2 HOSE

INSIDE DIAMETER (IN)	APPROX. WEIGHT (LBS/FT)	WALL THICKNESS (IN)	CL BEND RADIUS (IN)	COMPRESSION RATIO	NEGATIVE PRESSURE (IN/HG)	WORKING PRESSURE (PSI)
.75	.09	.020	1	1.7:1	29	55
1	.13	.022	1.4	1.8:1	29	50
1.25	.17	.025	1.6	1.9:1	29	45
1.375	.02	.025	1.7	1.5:1	29	42
1.5	.22	.026	2	1.5:1	29	40
1.75	.3	.030	2.5	1.5:1	28	38
2	.34	.032	2.8	1.5:1	28	37
2.25	.37	.032	3.2	1.5:1	28	36
2.5	.4	.032	3.7	1.5:1	28	35
3	.46	.033	3.7	1.7:1	26	32
4	.75	.033	6	1.5:1	20	28
5	.83	.033	5.5	2:1	16	23
6	.92	.035	6.5	2:1	10	24
7	1.16	.035	7.5	2:1	9	21
8	1.32	.035	8.5	2:1	8	22
9	1.53	.040	9.25	2:1	7	20
10	1.65	.040	9.5	2.25:1	6	16
12	2.2	.040	10	3:1	5	10

Technical data based on 2 ft. straight lengths of hose @ 72°

Construction: Medium weight coextruded thermoplastic polyurethane hose with a rigid external ABS helix

Temperature Range: -40°F to 200°F

Standard Color: Clear with Yellow Helix

Standard Lengths: 12 & 25 Feet (Available in 100' lengths up to 6" ID.)

TD5HD THERMOPLASTIC POLYURETHANE HEAVY SERVICE



The TD5HD hose is a clear thermoplastic polyurethane hose and is reinforced with a bronze coated spring steel wire helix. Perfect for severe service applications but is also very well suited for leaf and lawn collection as well as other material handling applications. Extremely flexible, but heavier wall at .045" than other hoses of its type. FDA acceptable.

Diameters from 4" to 18".

Temperature range -65F to 200F.

QTY	HOSE DIA	OAL	FITTINGS	PRESSURE	VACUUM	BEND RADIUS	WEIGHT
	(in)	(in)		(psi)	(in Hg)	(in)	(lbs/FT)
	4			30	29	3 1/2	0.90
	5			30	17	4	1.10
	6			24	15	5	1.2
	7			22	12	7	1.4
	8			20	9	8	1.7
	10			17	4	9	1.9
	12			14	2.5	11	2.4
	14			12	3.5	13	3.2
	16			11	2.5	15	3.7
	18			10	1.5	17	4.1
	14			9	1	19	4.6
	18			3	0.2	23	5.6

NOTES: THE COMPRESSION RATION IS 2:1
THE WALL THICKNESS IS .045"

CUSTOMER _____ PROJECT _____ ENGINEER _____ CONTRACTOR _____ CERTIFICATION _____		 HOSECRAFT USA	
		MODEL:	TD5HD
		DRAWN BY:	THERMOPLASTIC POLYURETHANE HEAVY SERVICE