

## Layflat hose reel capacity chart

- Use the chart at left to determine suggested barrel diameter, then find capacity for each reel type for that barrel diameter.
- Hose reel is specified as type/barrel width (eg BF/95).
- Use wall thickness if known or flattened thickness divided by 2.
- There is no need to specify barrel diameter as that can be set during assembly to 150, 250, 325 or 400 mm to allow hose connector to be inserted between bars.

Hose size			Barrel size	
Imp	Metric	Flat*	Width	Diameter
3/8"	10	25	50	150
1/2"	12.5	30	50	150
3/4"	19	40	50	150
1"	25	50	50	150
1 1/4"	32	60	95	150
1 1/2"	38	70	95	250
2"	50	95	95	250
3"	75	138	140	250
4"	100	175	185	325
6"	150	230	230	325
7"	175	270	310	400
8"	200	340	355	400

\* Flat is approximate flattened width.

Reel type	LF	LF	LF	LF	EF	EF	EF	EF	BF	BF	BF	BF	BF	BF	GF	GF	GF	GF	GF
Barrel diam	150	250	325	400	150	250	325	400	150	250	325	400	650	150	250	325	400	650	
Hose wall thickness (mm)	0.5	118	103	87	66	197	172	145	110	377	352	325	291	126	614	589	561	527	362
	1	59	52	43	33	98	86	72	55	188	176	162	145	63	307	294	280	263	181
	1.5	39	34	29	22	65	57	48	36	125	117	108	97	42	204	196	187	175	120
	2	29	26	22	16	49	43	36	27	94	88	81	72	31	153	147	140	131	90
	2.5	23	20	17	13	39	34	29	22	75	70	65	58	25	122	117	112	105	72
	3	19	17	14	11	32	28	24	18	62	58	54	48	21	102	98	93	87	60
	3.5	17	14	12	9	28	24	20	15	53	50	46	41	18	87	84	80	75	51
	4	14	13	11	8	24	21	18	13	47	44	40	36	15	76	73	70	65	45
	4.5	13	11	10	7	21	19	16	1	41	39	36	32	14	68	65	62	58	40
	5	11	10	8	7	19	17	14	11	37	35	32	29	12	61	58	56	52	36
	5.5	10	9	8	6	17	15	13	10	34	32	29	26	11	55	53	51	47	32
	6	10	8	7	5	16	14	12	9	31	29	27	24	10	51	49	46	43	30
	7	8	7	6	4	14	12	10	7	26	25	23	20	9	43	42	40	37	25
	8	7	6	5	4	12	10	9	6	23	22	20	18	7	38	36	35	32	22
9	6	5	5	4	10	9	8	6	20	19	18	16	7	34	32	31	29	20	
10	5	5	4	3	9	8	7	5	18	17	16	14	6	30	29	28	26	18	