

THUNDERBIRD CYLINDERS

Medical cylinders

Quality, precision, and rapid availability – for home oxygen therapy, emergency medical services (EMS), pre-hospital care and hospitals, nursing homes, and other medical institutions. Quality, service, and on-time delivery are paramount in the healthcare industry, and Thunderbird Cylinders consistently meets those demands.



Features

- Small and intermediate models with thread size: .750-16 UNF-2B
- Large models (M33, M60, M90, and M122) with thread size: 1.125-12 UNF-2B
- Custom TMI labeling available
- Lightweight, high-strength 6061-T6 alloy helps increase patient mobility
- Corrosion-resistant interior and exterior
- Green painted shoulder, brushed side wall, clear coat

[performance under pressure]

Medical cylinders



Manufactured to DOT and TC requirements

- U.S. Department of Transportation (DOT) 3AL
- Transport Canada (TC) 3ALM
- Every cylinder inspected and tested by DOT- and TC- authorized independent agency
- Cycle-tested in excess of 10,000 cycles at test pressure
- Minimum burst pressure tested to 2.5 times service

Standard specifications

PRODUCT	Service pressure (psi)	Outer diameter (in)	Finished length (in)	Cylinder weight (lbs)	Internal volume (in ³)	O ₂ capacity (cubic ft)	Thread size
M2	2216	2.53	5.9	0.7	17.7	1.7	0.750-16UNF-2B
ML2	2216	3.19	5.3	1.1	21.5	2	0.750-16UNF-2B
M4	2216	3.19	8.4	1.6	40	3.7	0.750-16UNF-2B
ML4	2015	4.38	5.8	2.3	43	3.6	0.750-16UNF-2B
M6	2216	3.19	11.8	2.3	61	5.7	0.750-16UNF-2B
ML6	2015	4.38	7.6	2.8	68	5.8	0.750-16UNF-2B
M7	2015	4.38	9.2	3.2	86	7.3	0.750-16UNF-2B
MC	2015	4.38	10.8	3.6	101	8.6	0.750-16UNF-2B
MC12	2015	4.38	14	4.9	141	12	0.750-16UNF-2B
MD	2015	4.38	16.2	5.1	169	14.3	0.750-16UNF-2B
ME	2015	4.38	25.6	7.5	281	23.9	0.750-16UNF-2B
M22	2216	5.25	16.5	8.3	235	22	0.750-16UNF-2B
M33	2216	6.89	15	13.4	353	33	1.125-12UNF-2B
M42	2216	5.25	28.9	13.6	449	42	1.125-12UNF-2B
M60	2216	7.25	22.9	21.9	642	60	1.125-12UNF-2B
M90	2216	7.25	32.6	29.8	963	90	1.125-12UNF-2B
M00M/M122	2216	8	36.3	39.5	1302	121.9	1.125-12UNF-2B
M150	2015	8	47.9	48.5	1800	153.2	1.125-12UNF-2B
M265	2216	9.8	51.4	85.3	2831	265.1	1.125-12UNF-2B

Metric specifications

PRODUCT	Service pressure (bar)	Outer diameter (mm)	Finished length (mm)	Cylinder weight (kgs)	Internal volume (l)	Oxygen capacity (l)	Thread size
M2	153	64.3	149	0.3	0.3	47	0.750-16UNF-2B
ML2	153	80.9	135	0.5	0.4	57	0.750-16UNF-2B
M4	153	80.9	213	0.7	0.7	106	0.750-16UNF-2B
ML4	139	111.1	147	1.1	0.7	102	0.750-16UNF-2B
M6	153	80.9	298	1	1	161	0.750-16UNF-2B
ML6	139	111.1	193	1.3	1.1	164	0.750-16UNF-2B
M7	139	111.1	233	1.4	1.4	206	0.750-16UNF-2B
MC	139	111.1	273	1.6	1.7	244	0.750-16UNF-2B
MC12	139	111.1	357	2.2	2.3	340	0.750-16UNF-2B
MD	139	111.1	411	2.3	2.8	406	0.750-16UNF-2B
ME	139	111.1	650	3.4	4.6	676	0.750-16UNF-2B
M22	153	133.4	418	3.8	3.9	623	0.750-16UNF-2B
M33	153	175	381	6.1	5.8	935	1.125-12UNF-2B
M42	153	133.4	733	6.2	7.4	1189	1.125-12UNF-2B
M60	153	184.2	582	9.9	10.5	1699	1.125-12UNF-2B
M90	153	184.2	827	13.5	15.8	2549	1.125-12UNF-2B
M00M/M122	153	203.2	922.3	17.9	21.3	3452.5	1.125-12UNF-2B
M150	139	203.2	1216	22	29.5	4338.3	1.125-12UNF-2B
M265	153	250.06	1305.1	38.7	46.4	7506.8	1.125-12UNF-2B