

THUNDERBIRD CYLINDERS

SCUBA cylinders

Quality, precision, and rapid availability — our aluminum SCUBA tanks are durable, reliable, and visually appealing. We offer a comprehensive range of sizes with capacities from 6.1 cubic feet to 98.8 cubic feet.



Features

- High-pressure tanks for more time underwater
- Improved fracture toughness
- Resistant to tearing and cracking
- Withstands high-pressure loads over long periods
- Corrosion-resistant interior, exterior
- Available in a range of exterior finishes

[performance under pressure]

SCUBA 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	Internal volume (cu ft)	Service pressure (psi)	Buoyancy full (lbs)	Buoyancy 500 psi (lbs)	Empty weight (lbs)	Outside diameter (in)	Cylinder length (in)	Thread size
S06	6	3000	-1.4	0	2.5	3.2	11.1	0.750-14 NPSM 2B
S08	8	2015	1.5	2	3.8	4.38	10.8	0.750-14 NPSM 2B
S13	13	3000	-1.8	-0.9	6	4.4	13.1	0.750-14 NPSM 2B
S19	19	3000	-1.3	-0.1	8	4.4	18.8	0.750-14 NPSM 2B
S30	30	3000	-1.5	0	12.25	5.25	19.3	0.750-14 NPSM 2B
S40	40	3000	-0.7	2.5	15.3	5.25	14.6	0.750-14 NPSM 2B
S50	50	3000	-2.5	0.8	21.3	6.9	19	0.750-14 NPSM 2B
S63	63	3000	-2.4	1.7	26.9	7.25	21.9	0.750-14 NPSM 2B
S72	72	3000	-0.7	2.8	27.8	6.89	26	0.750-14 NPSM 2B
S80	80	3000	-1.7	3.4	31.5	7.25	26.1	0.750-14 NPSM 2B
S100	804	3300	-4.6	-0.9	41.1	8	26.2	0.750-14 NPSM 2B

Metric specifications

PRODUCT	Internal volume (l)	Service pressure (bar)	Buoyancy full (kgs)	Buoyancy 500 psi (kgs)	Empty weight (kgs)	Outside diameter (mm)	Cylinder length (mm)	Thread size
S06	170	207	-0.63	-0.45	1.2	81	283	0.750-14 NPSM 2B
S08	215	139	-0.68	0.9	1.72	111	274	0.750-14 NPSM 2B
S13	377	207	-0.8	-0.4	2.7	111	333	0.750-14 NPSM 2B
S19	538	207	-0.6	-0.05	3.6	112	472	0.750-14 NPSM 2B
S30	850	207	0	-0.68	5.6	133	490	0.750-14 NPSM 2B
S40	1133	207	-0.32	1.13	6.9	133	625	0.750-14 NPSM 2B
S50	1444	207	-1.13	0.36	9.7	175	483	0.750-14 NPSM 2B
S63	1784	207	-1.1	0.77	12.2	184	555	0.750-14 NPSM 2B
S72	2038	207	-0.8	1.3	12.6	175	660	0.750-14 NPSM 2B
S80	2192	207	-0.8	1.54	14.3	184	662	0.750-14 NPSM 2B
S100	13.2	228	-2.1	-0.4	18.6	203	666	0.750-14 NPSM 2B