

Cylinder Buoyancy and Weighting Comparison Table

Comparison to Current Luxfer AL80 Cylinder

		Service Pressure	+/- Additional Lead to achieve same buoyancy @ 500 PSI, in Pounds	+/- Net "dry" weight to carry at surface, @500 PSI, in Pounds
Aluminum	AL 63	3000	-1.7	-6.3
	AL 80	3000	0.0	0.0
	AL N 80	3300	-4.3	-0.4
	AL 100	3300	-1.5	8.4
Faber Steel	HP80	3442	-6.1	-9.3
	HP100	3442	-5.1	-2.6
	HP120	3442	-4.1	3.6
	HP117	3442	-4.4	1.7
	HP133	3442	-3.5	7.4

Comparison to Current Luxfer AL100 Cylinder

			to achieve same buoyancy @ 500 PSI, in Pounds	+/- Net weight to carry at surface, @500 PSI, in Pounds
Faber Steel	HP100	3442	-3.6	-11.0
	HP120	3442	-2.6	-4.8
	HP117	3442	-2.9	-6.7
	HP133	3442	-2.0	-1.0