

Blue Immersion Technical Diving

Optimal Gas Mixes

The familiarity of diving with optimal gases is important to both the diver and team. The below graph **ONLY** correlates the dive depth with desired END. Partial pressures are consistent with industry standards of 1.4PP02 for all working parts (back gas) of the dive. This chart in **NO** way is a substitute for strict dive planning using the appropriate software and is only a guide based on desired depth and END.

Blue Immersion **HIGHLY RECOMMENDS** to never dive with an END over 40m, reduced to 30m for any cave or overhead environment. Environmental conditions such as extreme cold water or currents should be accounted for when determining a suitable END. Always dive within personal limits, ability, and comfort of your training.

Depth \ END	30m	35m	40m	45m	50m
40m	28/10	28/5	Air	X	X
45m	25/20	25/10	25/5	Air	X
50m	23/25	23/20	23/15	23/5	Air
55m	21/30	21/25	21/20	21/15	21/5
60m	20/35	20/30	20/25	20/20	20/15
65m	18/40	18/35	18/30	18/25	18/20
70m	17/45	17/40	17/35	17/30	17/25
75m	16/50	16/45	16/40	16/35	16/30
80m	15/50	15/45	15/45	15/40	15/35
85m	14/55	14/50	14/45	14/40	14/40
90m	14/55	14/55	14/50	14/45	14/40
95m	13/60	13/55	13/50	13/50	13/45
100m	12/60	12/55	12/55	12/50	12/45

*****WARNING*****

USE AT OWN RISK