

# BUOYANCY FOAMS FROM SURFACE TO SEABED

## Consider the following:

- Specific density & volume
- Service depth
- Exposure time
- Expected life-time
- Cycling or static use
- Surface treatment
- Safety factors chosen

Material	Density Kg/m <sup>3</sup>	Buoyancy Kg/m <sup>3</sup>	Typical service depth (msw)																							
			30	40	55	70	100	190	230	300	390	450	540	550	650	>700	1000	2000	3000	4000	5000	6000	7000	10000	12000	
H60	60	965	■	■																						
H80	80	945		■	■																					
H100	100	925			■	■																				
H130	130	895				■	■																			
HCP30	200	825						■	■																	
HCP50	250	775								■	■															
HCP70	310	715									■	■														
HCP90	380	645										■	■	■												
HCP100	410	615											■	■	■											
1000 msw	390-445	635-580														■										
2000 msw	400-420	625-605															■									
3000 msw	425-495	600-530																■								
4000 msw	448-460	577-565																	■							
5000 msw	495-505	530-520																		■						
6000 msw	535-582	490-443																			■					
7000 msw	545-575	480-450																				■				
10000 msw	715	310																					■			
12000 msw	740	285																						■		

Typical values and service depth not to be considered as specification. Every application and operating condition is unique. Material selection and calculation should be performed per individual condition.

- Typical service depth for product
- Service depth for shorter service times (24h)
- 1000-12000 msw in various grades of Syntactic Foam