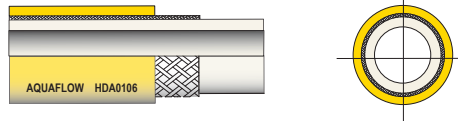


Aquaflow- Surface Diving Hoses and Umbilicals



Aquaflow Hose

Known worldwide for its lightweight and ultra flexible construction, Aquaflow hoses are ideal for surface demand applications. Aquaflow kink resistant construction comprises of an extruded core tube, reinforcement of high strength yarn and a bonded outer cover. Both tube and cover are extruded from high performance thermoplastic polymers which are particularly clean and free from odors often associated with conventional rubber hoses. Coupled with the wide operating temperature range this ensures breathing gas quality is maintained under all conditions from -20°C to +66°C.



Part No.	Nominal Bore		O.D.		Min. bend radius		Working pressure		Nom. burst pressure		Weight in air		Weight in sea water		Typical application
	in	mm	in	mm	in	mm	psi	bar	psi	bar	lb/ft	g/m	lb/ft	g/m	
HDA0104	1/4	6.3	0.50	12.7	1.25	32	300	21	1200	84	0.078	116	-0.009	-14	Pneumo
HDA0106	3/8	9.5	0.66	16.8	2	50	500	35	2000	140	0.119	177	-0.034	-50	Air/gas
HDA1108	1/2	12.7	0.83	21.0	3	76	300	25	1200	84	0.178	265	-0.054	-80	Hot water

Aquaflow Umbilicals

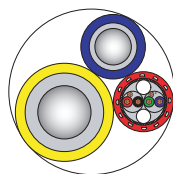


Lightweight, ultra flexible and kink resistant, Aquaflow Umbilicals are ideal for breathing gas supply, comms and pneumo service for surface demand umbilicals. They can be produced in production runs up to 740 meters long and can be over extruded or braided for additional protection against abrasion and use in contaminated waters.

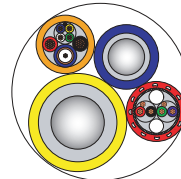
The unique materials and cabled "rope-like" construction combine to produce the most flexible, controlled buoyancy umbilicals available today. The umbilicals have no need for tape, the repairs are much reduced and they have a longer life. They keep the professional diver safer and more efficient both while diving and on deck. They will ultimately reduce costs for the operator.

As with all products produced by Umbilicals International, we use the highest quality materials and workmanship and offer both competitive pricing and unmatched service to our clients worldwide. UI invites you to visit our website or contact us directly so that we can assist you with all your Diving Umbilical needs.

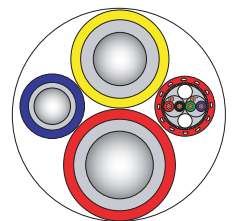
UDA0103
3 part surface demand



UDA0204
3 part plus video



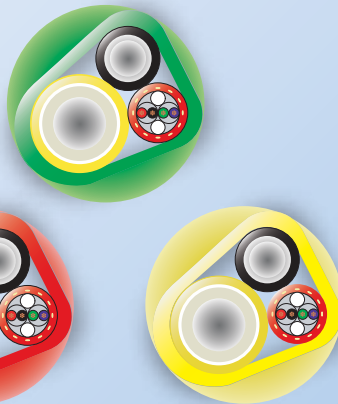
UDA0103
4 part (with hot water)



www.umbilicals.com



- Easy clean
- Non-Kinking
- Abrasion resistant
- Maintenance free
- Light Weight
- Long Life



Aquaflow SW is the latest dive umbilical from the Deline life-support product family. Based on the fully cabled 3 part Aquaflow "Classic" umbilical it features an extruded outer jacket of tough, abrasion resistant polyurethane. This jacket is specially made to conform exactly to the spiral shape of the "rope-like" construction beneath, this maximizes flexibility whilst providing unrivalled protection for the hose and cable components.

In addition to all the benefits of Aquaflow Classic, SW's superior durability and encapsulated design makes it the ideal choice for tough and hazardous applications such as salvage, hull cleaning, debris clearance and construction.

The slick seamless outer jacket, which is available in various colors for easy diver identification, makes cleaning and decontamination particularly easy to achieve. Aquaflow SW is the perfect solution for both potable water and polluted water diving.

Available from stock as a 3 part umbilical (UDA10334), other configurations are available on request.

With no need for tape, minimal maintenance, and longer life, Aquaflow SW not only improves diver efficiency and safety, it actually significantly reduces cost of ownership for the operator. Click by our website or call us for the latest product information.

Component Specifications

Construction comprises an extruded core tube, reinforcement of high strength yarn and a bonded outer cover. Both tube and cover are extruded from high performance thermoplastic polymers which are particularly clean and free from odors often associated with conventional rubber hoses. Coupled with the wide operating temperature range this ensures breathing gas quality is maintained under all conditions from -20°C to +66°C.



	Part No.	Nominal Bore		O.D.		Min. bend radius		Working pressure		Nom. burst pressure		Weight in air		Weight in sea water	
		in	mm	in	mm	in	mm	psi	bar	psi	bar	lb/ft	g/m	lb/ft	g/m
Hoses	HDA0104	1/4	6.3	0.50	12.7	1.25	32	300	21	1200	84	0.078	116	-0.009	-14
	HDA0106	3/8	9.5	0.66	16.8	2	50	500	35	2000	140	0.128	190	-0.024	-36
Cable	CDR020411	Diver reinforced comms cable 2 x 20 awg screened pairs, Red polyurethane jacket with Aramid strength member Diameter 0.433" (11 mm) Breaking Strength 1200 lbs (500 Kgs)													

