

UMBILICAL

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 (MM)	O. D.	WORKING PRESSURE		NOM. BURST PRESSURE		WEIGHT IN AIR (G/M)	WEIGHT IN SEA WATER
			psi	bar	psi	bar		
VR-PNEUMO	6.3	12.7	400psi	28bar	1600psi	110bar	116	-14
VR-AIR HOSE	9.5	16.8	500psi	35bar	2000psi	140bar	177	-50

DESCRIPTION

DR-U4C1, 4 Part Umbilical Hose Assembly (1/4 Inch Pneumo Hose, 3/8 inch Breathing Air Hose, Communications Cable and Video/Light Cable)

OVERVIEW

Application (All come combined spiraled together):

- o DRC0001 - Surface dive umbilicals for communication.
- o DRU04 - Hose delivers air to measure the diver's depth underwater.
- o DRU06 - Hose delivers air for the diver to breathe underwater.
- o V-0005 - Video Cable.

Note: Fittings and terminations are not included Featured:

- Tough, kink and abrasion resistant
- Buoyant in sea and fresh water
- Clean and odor free
- Flexible and non-aging

Banana Plug .



Jic-6



Jic-4



MS 14-8 P

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Three pin marsh marine cable



Connector	SY-RMK-3-FS
Type	3 Female Sockets
Cable	13 in Pigtail of 13 5D AWG Cable
Material	Special Neoprene, Molded
Contacts	Copper Alloy, Hard Gold Plated per ASTM-B-488
Voltage Rating	600 VDC
Pressure Rating, Mated	UP to 20,000 psi
Mates with	SY-XSG-3-BCL- VR Dive Vision Light SY-UWC-401

Five pin marsh marine cable



Connector	SY-RMK-5-FS
Type	5 Female Sockets
Cable	13 in Pigtail of 13 5D AWG Cable
Material	Special Neoprene, Molded
Contacts	Copper Alloy, Hard Gold Plated per ASTM-B-488
Voltage Rating	600 VDC
Pressure Rating, Mated	UP to 20,000 psi
Mates with	SY-XSL-5-BCL- VR Dive Vision Camera SY-UWC-325/p/e

8 pin male amphenol connector



Certifications	Provided with each system
Manufacturer	VR Dive Vision Certificates
Electrical	Continuity/Function test

SS camera and light bracket with jubilee clamp