

GRIFLEX

hose & ducting solutions

Also Available

- AQHD - Aquatic and Ducting Deluxe
- SPH - Swimming Pool Hose
- AQH - Standard Ducting & Aquatics Hose
- CDFG - Non-Toxic Delivery Hose



AQHL

Lightweight Ducting and Aquatic

A lightweight PVC hose, reinforced with a rigid crush resistant PVC helix. It is tough, flexible and extremely durable under normal operating conditions. The cross section is maintained even when highly flexed. Minimum frictional loss is achieved by the smooth bore.

Applications

Ideally suited to light duty applications for garden ponds and aquatic installations.

Construction

Manufactured from a crush resistant anti-shock PVC Spiral helix encapsulated in a black flexible PVC cover, with a smooth inside wall.

Colour

Standard - Black

Temperature Range

-10°C to +60°C

Size Range

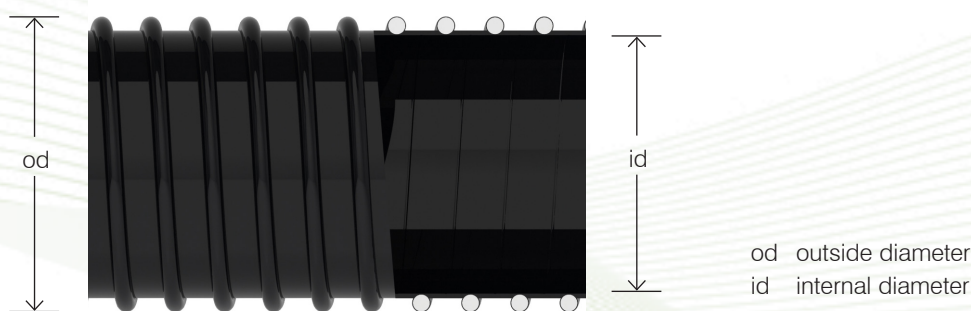
$\frac{5}{16}$ " to 3"
8mm to 76mm

Standard Length

30m coils

Special Features

- UV resistant
- Tough, flexible and extremely durable under normal operating conditions
- Crush resistant helix
- Cross section maintained even when highly flexed
- Non-toxic



AQHL - Lightweight Ducting & Aquatic Hose

Product Ref.	Internal Dia. Inches	Internal Dia. mm	External Dia. mm	Wall Thickness Overall mm	Weight kg/m	Min. Bend Radius mm	Vacuum m of H ₂ O	Working Pressure Bar	Coil Length Metres
AQHL03	$\frac{5}{16}$	8	12.0	2.0	0.05	8	2.5	1.0	30
AQHL04	$\frac{3}{8}$ "	10.0	14.4	2.2	0.07	10	2.5	1.0	30
AQHL05	$\frac{1}{2}$ "	12.0	16.4	2.2	0.08	12	2.5	1.0	30
AQHLM14	Metric	14.0	18.8	2.4	0.09	14	2.5	1.0	30
AQHLM15	Metric	15.0	19.6	2.3	0.10	15	2.5	1.0	30
AQHL06	$\frac{5}{8}$ "	16.0	20.8	2.4	0.10	16	2.5	1.0	30
AQHLM18	Metric	18.0	22.6	2.3	0.11	18	2.5	1.0	30
AQHL07	$\frac{3}{4}$ "	19.0	23.8	2.4	0.12	19	2.5	1.0	30
AQHLM20	Metric	20.0	24.6	2.3	0.13	20	2.5	1.0	30
AQHLM22	Metric	22.00	27.6	2.8	0.15	22	2.5	1.0	30
AQHL10	1"	25.4	31.0	2.8	0.18	25	2.5	1.0	30
AQHLM28	Metric	28.0	33.6	2.8	0.21	28	2.5	1.0	30
AQHLM30	Metric	30.0	36.0	3.0	0.23	30	2.5	1.0	30
AQHL12	1 $\frac{1}{4}$ "	32.0	38.0	3.0	0.24	32	2.5	1.0	30
AQHLM35	Metric	35.0	41.0	3.0	0.28	35	2	1.0	30
AQHL15	1 $\frac{1}{2}$ "	38.0	44.4	3.2	0.31	38	2	1.0	30
AQHLM40	Metric	40.0	47.0	3.5	0.33	40	2	0.5	30
AQHL17	1 $\frac{3}{4}$ "	45.0	51.8	3.4	0.38	45	2	0.5	30
AQHL20	2"	51.6	58.8	3.6	0.43	50	2	0.5	30
AQHLM50	Metric	50.0	57.2	3.6	0.43	50	2	0.5	30
AQHL25	2 $\frac{1}{2}$ "	63.0	71.2	4.1	0.56	65	2	0.5	30
AQHL30	3"	76.0	85.2	4.6	0.81	80	2	0.5	30

All sizes are nominal and normal manufacturing tolerances apply.

Special Sizes are available on request but may be subject to Minimum Order Quantities and Leadtimes.

- (i) Maximum working pressure is based on a factor of safety of 3:1 on short term burst pressure at 20°C. If the temperature increases, please refer to the temperature pressure charts.
- (ii) Lengths detailed above are as standard, however variations may be available subject to minimum order quantities. Weights are approximate dependent upon working tolerance and density of materials.
- (iii) Bending diameter information is intended as a guide to the minimum bend radius at 20°C ambient temperature without restricting the bore. It does not mean that the hose cannot be bent below the given dimensions but restriction is likely to occur.

