



## Hydro-Pro

Our Hydro-Pro Flyboard hose is a heavy duty layflat hose used in hydro propelled water sport activities. The hose is a high quality Nitrile-synthetic rubber which is extruded through the weave giving a 'Unified' construction. External ribs offer support to the hose when it is at high pressure giving the Flyboard rider more control, making it a very popular option for training.

### HOSE JACKET

The Hydro-Pro Flyboard hose is characterised by its heavy duty, high abrasion resistance and extremely long service life. It is a flexible and kink resistant structure produced with very low twist. The hose jacket is a 100% synthetic yarn with a circular weave.

### HOSE LINING & COVER

High quality NITRILE-synthetic rubber extruded through the weave to give unified construction. Very smooth inner surface for low friction loss. External cover with ribs for high abrasion resistance and ease of handling.

### CHARACTERISTICS

The unified construction eliminates the potential for delamination that traditionally manufactured hoses suffer from when under severe stress during operation. It is strong, durable and requires low maintenance as it is easy to clean. Absorbs no moisture so requires no drying.

### LENGTHS

20 and 25 metres as standard, other lengths available on request. Max change in length 4%, max change in diameter 4%.

Internal Diameter		Weight g/m	Burst Pressure bar	Working Pressure Safety Ratio*		Wall Thickness mm
mm	inch			2:1 bar	3:1 bar	
110	4 1/8	1350	40	20	13	3.00

\*maximum recommended working pressure of the hose, or maximum working pressure of the attached coupling whichever is the lower



Standard colour



Tried, tested and currently used with UK leaders in Hydro-propulsion sport.  
**Flyboard Fun** - [www.flyboardfun.com](http://www.flyboardfun.com)  
**Wetjets** - [www.wetjets.co.uk](http://www.wetjets.co.uk)

### CARE & HANDLING

Unlike regular layflat hoses, Hydroflight options are put through extreme stresses during operation. It is inevitable that it will have a limited service life, however this can certainly be prolonged by implementing simple methods to prevent damage to the hose and get the best out of it no matter what application. The following guide should help you maintain and prolong the service life of your hose:

- Do not exceed the maximum rated working pressure
- Always lay the hose without any twisting or kinks
- Handle the hose with care, treat it with care
- Avoid any dragging. If this must be done, do it when it is empty and flat
- Do not drop the hose, especially on its edges
- Never pull the hose over sharp edges
- Avoid shock loading and 'Water Hammer'
- Never walk along a full hose to empty it, always pull the hose over your shoulder
- Avoid contact with hazardous materials such as acids, mineral oils and chemicals
- Do not roll or kink a frozen hose
- Never drive over a hose, use ramps
- Clean and dry hoses thoroughly after use
- Store in a clean dry environment