



RHL DWI Reg 31 Approved Drinking Water Hose

Our DWI REG 31 Approved general purpose layflat hose is designed specifically for the transfer of drinking water. It is constructed with a strong circular woven jacket that allows the polyurethane to be extruded through the polyester ply weave which fully encapsulates the textile reinforcement making it robust and pliable.

DETAILS

Used primarily by the Water Authorities and sub contractors involved in the drinking water sector, this high quality, high abrasion resistant hose is designed specifically for providing emergency supply of clean potable water should normal service be interrupted.

It is also suitable for use in the transfer of drinking water for tanks and bowsers to construction sites and for use at leisure and public events and to provide supply to remote applications.

HOSE JACKET & LINING

The external wall is highly resistant to abrasion, puncturing, oil, ozone, petrochemicals, ultra-violet light and weathering whilst in service.

STANDARDS

Approved for use in public water supplies as per the Secretary of State's List of Approved Products, listing 56/4/62, as published by the Drinking Water Inspectorate (DWI)

COUPLING

BS336 Instantaneous, Storz or all international coupling types wired in with 1.6mm Stainless Steel wire over synthetic polyester hose guards.

LENGTHS

Standard lengths of 25m. Other lengths available upon request.

CHARACTERISTICS

- Lightweight & flexible.
- High pressure, high performance.
- Extremely robust.
- Easy to handle & transport.
- Cold resistant up to - 30°.
- Heat resistant up to + 80°.



BS336 Instantaneous coupling wired in



Ribbed external for abrasion resistance

| Internal Diameter | | Weight kg/m | Burst Pressure bar | Working Pressure* | | Min Burst Pressure | |
|-------------------|------|----------------|-----------------------|-------------------|------|--------------------|------|
| mm | inch | | | PSI | bar | PSI | bar |
| 51 | 2 | 0.408 | 45 | 450 | 31.0 | 900 | 62.1 |
| 64 | 2½ | 0.580 | 42 | 450 | 31.0 | 900 | 62.1 |
| 76 | 3 | 0.751 | 36 | 350 | 23.1 | 700 | 48.3 |
| 90 | 3½ | 0.966 | 30 | 250 | 17.2 | 500 | 34.5 |
| 102 | 4 | 1.137 | 32 | 270 | 18.6 | 540 | 37.2 |
| 115 | 4½ | 1.245 | 26 | 250 | 17.2 | 500 | 34.5 |
| 127 | 5 | 1.417 | 21 | 250 | 17.2 | 500 | 34.5 |
| 152 | 6 | 1.717 | 15 | 300 | 20.7 | 600 | 41.4 |

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