## Fire Hoses

For ordinary outdoor service, woven single jacket, lined fire hose is recommended. If yard surfaces are rough and will cause heavy wear, or if water pressures are over 150 psi (1035 kPa), double jacket hose is advised. Hose that may come in contact with acid, acid fumes or other corrosive materials should be covered. If the hose must be stored in a damp location, it should be treated for protection against mildew unless the jacket is woven entirely of synthetic fibers.

For indoor service, lightweight single jacket, lined hose or linen hose is most often used. The lining of the lightweight hose is thin enough so that the hose can be mounted on the semiautomatic pin type hose racks and laid out without jamming. The conventional fire hose for outdoor use cannot be mounted on these racks due to its heavier lining. This hose will jam the racks.

Lightweight, double jacket, thin-lined fire hose is designed for use on rough surfaces where weight is a prime consideration, such as forestry use or use in backpacks in high rise buildings. It may also have some use as a rack hose in manufacturing areas such as foundries, steel mills, etc. This type of fire hose is not a substitute for conventional double jacket hose where service demands are high and weight is of secondary importance.

Some listings specify a service test pressure. Service test pressure is that pressure to which a hose should be periodically subjected to determine its suitability for continued service. The service test pressure is at least 10% greater than the normal operating pressure.

Alternatively, some hoses listed state "Tested To XXX." This refers to the manufacturer's proof pressure, which is two times the service test pressure. If no test pressure is shown, the test pressure is 300 psi (2070 kPa) for single jacket hose and 400 psi (2760 kPa) for double jacket hose.

## Fire Hose, Woven-Jacket, Lined

### Rack-U

| *Model* | *Nominal Diameter, in. (mm)* | *Number of Jackets* | *Jacket Material* | *Lining Material* | *Service Pressure, psi (bar)* | *Proof Pressure, psi (bar)* |
|---|---|---|---|---|---|---|
| Rack-U | 1.5 (38) | Single | Polyester | Polyurethane | 250 (17.2) | 500 (34.5) |

*Approved for occupant-use only.*

**For use with the Model 7715 coupling manufactured by Red Head Brass LLC.**

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|---|---|
| **Company Name:** | ZYfire Hose Corp |
| **Company Address:** | 88 Kaiyang Road, Jiangyan Economic Development Zone, Taizhou, 225500, China |
| **Company Website:** | http://www.zyfire.com |
| **New/Updated Product Listing:** | No |
| **Listing Country:** | China |
| **Certification Type:** | FM Approved |
| **Class of Work:** | 2111-Woven Jacket Lined Fire Hose |

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