

NPT 800

Australian Fire Hose

SPECIFICATION SHEET



AFH
AUSTRALIAN FIRE HOSE

NPT 800

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PRODUCT INFORMATION

NPT 800 Fire Hose

The **NPT 800** Fire Hose is a heavy duty non percolating hose made of 100% Polyester yarn which is unaffected by mildew and retains its full strength when wet or dry.

This hose is lined with a lightweight extrusion of PVC/Nitrile and is exceptionally flexible and resistant to ageing and the effect of weather and ozone attack. This hose has been specifically designed as a heavy duty hose for use by Fire Brigades under the most demanding conditions. This hose is manufactured to comply with AS2792 Class "H" with design emphasis given to durability, cost effective reliability and ease of handling.

The **NPT 800** can be coated with a Duracoat coating to increase abrasion resistance. Duracoat is provided by a process which uses a synthetic polymer to encapsulate every fibre of the hose jacket. Coloured pigments may be added to the polymer permitting hoses of various identifying colours to be specified and providing a permanent colour coding for the full life of the hose.

Duracoat significantly extends the life of fire hose by increasing its resistance to damage caused by abrasion and contact with most common chemicals. When tested for abrasion resistance in accordance with Australian Standard 2792, hose with Duracoat will withstand 50%-70% more double strokes than the same hose without the advantage of Duracoat, depending on the type and diameter of the hose tested.

RECOMMENDED FOR: This hose has been designed as a **heavy duty** fire hose for professional fire fighters. It is ideally suited to the Industry.



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OUR RANGE



38mm Fire Hose



38mm Fire Hose



38mm Fire Hose

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SPECIFICATIONS

Measurements

When tested in accordance with the requirements of AS2792-1992. The following values were obtained.

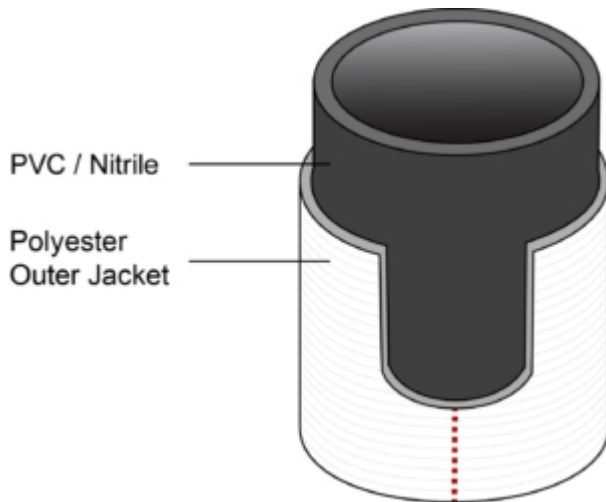
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|-------------------------------|--|
| Diameter: | 38mm (1.5"), 65mm (2.5") |
| Length: | This hose is available in any length up to 30m |
| Jacket: | 100% Polyester |
| Lining: | Extruded PVC / Nitrile |
| Lining Adhesion: | Lining material cannot be separated from the jacket. |
| Working Pressure: | 2100kPa |
| Burst Pressure: | 5250kPa |
| Friction Loss: | At 345kPa 38mm: At 3 l/s 1.67 kPa/m 65mm: At 7.5 l/s 0.7 kPa/m |
| Dimensional Stability: | At 70 kPa -1200kPa 1200 kPa 38mm: 2.72% Length, 4.65% Circumference 1200 kPa 65mm: 6.0% Length, 2.7% Circumference |
| Weight: | Per 30m 38mm: 7.2kg, 65mm: 12.6kg |
| Coil Diameter: | Per 30m 38mm- 410mm, 65mm – 440mm |
| Kink Test: | No defects at maximum working pressure after kinking. |
| Abrasion Test: | Passed Australian Standard AS2792-1992 Test average double strokes: 38mm - 550, 65mm - 320 |
| Repairability | For maximum performance after repair it is recommended that 'SPOT ON' repair materials are used. External vulcanised patch will allow maximum working pressure to be maintained. |

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Construction



Features

- Easy Rolling
- Age Resistant
- Weather Durability
- Mildew Resistant
- Abrasion Resistance

Dimensions

Available in: 38mm

* Other sizes available on request

Burst Range

Burst Pressure: 5250kPa

Working Pressure: 2100kPa

Optional Colours

Yellow, Red, Blue

* Other colours available on request

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