

**Multipurpose**

**FLEXIBLE ENGINEERING**

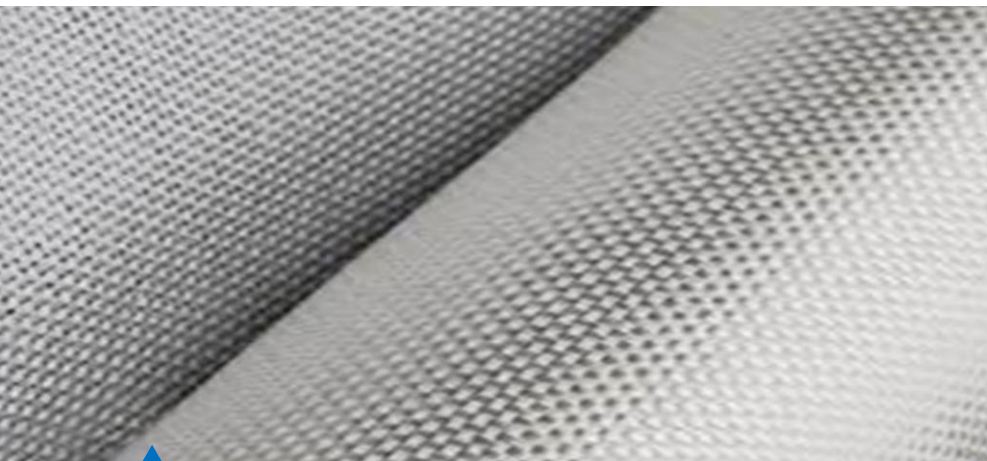
**A800 'hard wall' water suction and discharge hose  
For critical water-cooling lines in steel and glass works**

**Product description**

A800 'hard wall' water suction and discharge hoses are designed to extend the life of critical water-cooling lines in high temperature applications in steel and glass manufacturing. These hoses are designed with insulating properties and can withstand molten steel splashes.

**Coupling systems**

Built-in and vulcanised full-bore electrically insulated flanged steel nipples, integral rubber and fabric flanges with steel backing plates, moulded beaded ends with captive swivel flanges, wire-free plain or enlarged cuffed ends or wired end-to-end.



A800 water-cooling suction and discharge hose glass fabric cover

**Lining**

Non-conductive smooth black natural rubber.

**Reinforcement**

High-strength polyester tyre cord layers give the hose suction resistance and stability under pressure. A high-tensile embedded steel wire helix gives the hose flexibility and crush protection.

**Double cover**

A800 series hoses feature a flame-retardant neoprene rubber inner cover with a vulcanised and fully bonded woven e-glass fabric outer cover; designed to withstand +500°C; providing protection against heat, flame and molten splashes. Additional external wire armour protection is also available upon request.

- Custom-built assemblies
- 50mm to 200mm sizes
- Robust, flexible design
- High temperature e-glass cover

**Nominal physical data**

| Bore size |     | Working pressure | Burst pressure | Min bend radius | Nom weight |
|-----------|-----|------------------|----------------|-----------------|------------|
| Inch      | mm  | bar              | bar            | mt              | kg/mt      |
| 2"        | 50  | 10               | 45             | 0.31            | 3.5        |
| 3"        | 75  | 10               | 35             | 0.48            | 5.2        |
| 4"        | 100 | 10               | 30             | 0.63            | 8.8        |
| 5"        | 125 | 10               | 45             | 0.77            | 10.6       |
| 6"        | 150 | 10               | 40             | 0.94            | 13.3       |
| 8"        | 200 | 10               | 30             | 1.25            | 18.1       |

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