

FLATFLEX HOSE 14/10 bar

HOSES › *Flattenable tubes*

Extruded thermoplastic flat tube made of a mixed RUBBER/PVC material specially designed for water transfer under severe wear conditions.



Product Highlights

- RELIABLE, LIGHTWEIGHT AND FLEXIBLE
- IMPLEMENTATION AND RECOVERY OF QUICK CONNECTORS

The black ribbed cover is standard. Other colors are available upon request.



Mastertubi.it/q?1332

Applications:

Designed and recommended for water transfer and general pumping operations in irrigation, mining, construction, sewerage, drainage systems, water bypass operations and cable sheathing.

Construction:

Made from 100% high tenacity synthetic yarn circularly woven, fully protected and secured by a tough, highly durable blend of synthetic nitrile rubber and PVC extruded through the weft and forming a single homogeneous construction without the use of glues or adhesives.

Coating properties:

- A. Maximum tensile strength of the coating: guaranteed minimum value of 1,500 psi (10,500 kPa).
- B. Final elongation: minimum 400%.
- C. Accelerated aging test:
 - The tensile strength and ultimate elongation of the vulcanized rubber compound were tested with oxygen at a pressure of 300 psi +/- 10 psi (2100 kPa +/- 70 kPa) and a temperature of 70 degrees Celsius +/- 1 degree (158 °F +/- 18 °F) for a period of 96 hours, after which the rubber properties are at least 60% of the original values.

Abrasion resistance

It will extend the life of your application in extreme conditions where abrasion is the primary concern. Abrasion resistance > 2000 cycles.

Serving temperature range:

From -30°C to 80°C. Special versions for higher and lower temperatures available on request.

Ozone resistance:

No visible signs of cracking appear on the coating or covering when tested in accordance with ASTM D518 Procedure B, 100pphm/104°F (40°C).

Chemical resistance:

Exposure to seawater and contamination by most chemicals, hydrocarbons, oils, and greases has no effect on the short- or

long-term performance of the hose. A chemical resistance chart is available, and TIPSA will provide specific chemical resistance data upon request by the purchaser for specific applications.

Lengths: Standard 100m. Special lengths up to 200m.

Bindings: Camlock, Bauer, Perrot, Victaulic, Storz.

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