

## FLATFLEX HOSE 20 bar

HOSES › Compressed air hoses

### High quality extruded rubber flat tube

The standard colors are yellow ochre for diameters up to 5" and black for larger sizes. 6" and 8" also available in green. Other colors available upon request.

#### Applications:

Designed for heavy duty applications and agricultural discharge, water transfer, spreading of slurry and manure, irrigation, water and hydrocarbon bypass operations, Compressed air applications up to Ø 3" Pumping of high pressure liquids, discharging of loose powders (excluding cement).

#### Construction:

Made from 100% high tenacity synthetic yarn circularly woven, fully protected and secured by a tough, highly resistant 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 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:

will extend the life of your application in extreme conditions, where abrasion is the primary concern. Indicative 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/40°C.

#### Chemical resistance:

Exposure to sea water and contamination by most chemicals, hydrocarbons, oils and greases will have no effect on the short or long term performance of the hose. A chemical resistance chart is available and we will provide specific chemical resistance data when requested by the purchaser for specific applications.

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

#### Attacks:

for transferring liquids: Camlock, Bauer, Perrot, Victaulic, Storz, etc.

for compressed air: Express, Camlock, Universal air hose fittings, etc.



[Mastertubi.it/q?271](http://Mastertubi.it/q?271)

Image: color\_OROFL

**Color:**

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