

# AIRFLAT

## MANUFACTURING & MACHINE TOOLS

### Air/Compressed air applications

Light lay flat hose for public works, agriculture and all kinds of industries for multipurpose applications.

Designed for pumping and transport of water and similar liquids as well as compressed air, especially when long length and light weight are required and when sites are not easily accessible.

### Advantages

- Easy to handle and store, very low weight, can be rolled flat.
- High tensile resistance and excellent adhesion between rubber and textile.
- Available in length up to 200m.
- Oil and chemical resistant.
- Good flexibility under pressure.
- The hose withstands very rough handling but if it should be damaged just pull a hose sleeve of the same diameter over the damaged part of the hose (the expansion due to the pressure will seal the leak).

### Technical description

**Inner tube:** oil resistant NBR, black, smooth.

**Reinforcement:** synthetic textile, woven.

**Cover:** ozone and oil resistant NBR, black, longitudinal fluted.

**Temperature range:** -20°C to +80°C.

**Electrical properties:** non conductive.

### Couplings/Fittings

Claw couplings, with two double bolt clamps per fitting.

Whip check safety cable is recommended especially for compressed air applications.

For dimensions above 25mm special couplings are recommended.

### Complementary information

For compressed air applications, the use of hoses with ID exceeding 65mm is not recommended.

| ID<br>mm     | Wall thickness<br>mm | OD<br>mm | Working pressure<br>bar | Bursting pressure<br>bar | Weight<br>kg/m | Length<br>m | Notes |
|--------------|----------------------|----------|-------------------------|--------------------------|----------------|-------------|-------|
| <b>19.0</b>  | 2.5                  | 24.0     | 20                      | 60                       | 0.15           | 40          |       |
| <b>25.0</b>  | 3.5                  | 32.0     | 20                      | 60                       | 0.21           | 40          |       |
| <b>38.0</b>  | 3.5                  | 45.0     | 20                      | 60                       | 0.44           | 40          |       |
| <b>51.0</b>  | 3.5                  | 58.0     | 20                      | 60                       | 0.65           | 40          |       |
| <b>76.0</b>  | 4.0                  | 84.0     | 15                      | 45                       | 0.95           | 40          |       |
| <b>152.0</b> | 4.0                  | 160.0    | 15                      | 45                       | 2.10           | 40          |       |

Tolerance on length: ±1% (ISO 1307 Standard).

Lengths in bold = stock item. Other lengths = non stock (consult us for minimum quantity of order).

### Branding

No branding