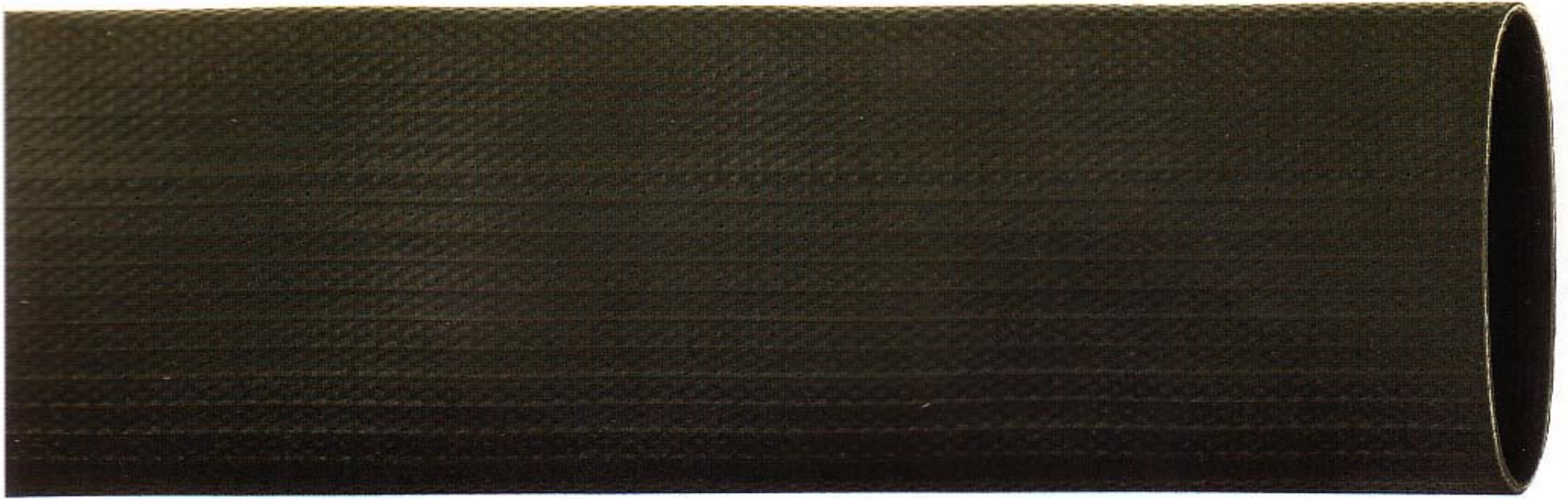


# mandals Flexitex Standard

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*Mandals Flexitex Standard is a very light weight, easy to handle yet hardwearing hose.*

Mandals Flexitex Standard is intended for use as feeder hose for smaller irrigation and slurry units in the agricultural sector. The hose is also used as a light weight wash down or transfer hose for water based and non polar liquids in construction and general industry. It is ideal as "back up" hose for industrial firefighting teams.

Mandals Flexitex Standard is made from a blend of nitrile rubber and PVC, with added UV barrier to prevent damage from UV radiation. The rubber blend is extruded through a circular woven reinforcement made from filament polyester yarn. This production method gives a very strong bonding between cover and lining as well as firmly encapsulating the reinforcing polyester.

The hose has high resistance against commonly used chemicals. Due to the interlocking circular weave, the hose does not stretch when pulled. For the same reason, it has a very high pressure rating to wall thickness ratio.

It can operate from -30°C to +75°C.  
Intermittent use to +80°C.

The hose can be delivered in lengths up to 200 meters.

## Mandals Flexitex Standard

Inches	Inner Diameter	Wall Thickness	Weight/Meter	Burst Pressure	Tensile strength*
1 1/2	38,0 mm+1,6	2,2 mm	0,300 kg	5,5 MPa	2 900 kg
2	51,0 mm+2,0	2,2 mm	0,380 kg	4,5 MPa	3 800 kg
2 1/2	65,0 mm+2,0	2,2 mm	0,530 kg	4,5 MPa	4 200 kg
3	76,0 mm+2,0	2,6 mm	0,700 kg	4,0 MPa	5 200 kg
3 1/2	90,0 mm+2,0	2,8 mm	1,000 kg	4,0 MPa	8 000 kg
4	102,0 mm+2,5	2,7 mm	1,050 kg	3,5 MPa	8 800 kg
6	150,0 mm+3,0	3,0 mm	1,700 kg	3,6 MPa	16 100 kg

To obtain maximum lifetime for the hose, it is recommended that actual Working Pressure and Working Tensile Stress do not exceed 1/3 of the above listed values.

\* Total theoretical longitudinal strength.