



**FEATURES**

- Mandals Flexitex 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 and is ideal as "back up" hose for industrial fire fighting teams.
- It is easy to store and deploy/retrieve.
- Adapts well to the terrain and can be routed around obstacles.
- Lighter hoses are used as supply hoses for irrigation and as feeder hoses for slurry systems.

**DESIGN**

- 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.
- Very strong bonding between cover and lining as well as firmly encapsulating the reinforcing polyester.
- Minimum axial elongation & shaking

**ADVANTAGE**

- Highly durable.
- Field proven hose with a long track record.
- Lengths up to 200 meters.

**APPLICATIONS**



**MANDALS FLEXITEX EXTRA IS A HEAVY REINFORCED FLUID TRANSFER HOSE FOR AGRICULTURAL SYSTEMS, BUT IT MAY ALSO SERVE AS DRAG HOSE IN UMBILICAL SYSTEM, OR FOR IRRIGATION**

**TECHNICAL DATA**

INTERNAL DIAMETER		WALL THICKNESS		WEIGHT		BURST PRESSURE		TENSILE STRENGTH	
Inch	mm	Inch	mm	Lbs / ft	Kg / m	Psi	Bar	X1000 Lbs	Tons
3	76 + 2	0.12	3.1	0.64	0.95	720	50	18.9	8.6
3 1/2	90 + 2.5	0.13	3.2	0.79	1.18	640	44	21.1	9.6
4	102 + 2.5	0.13	3.2	0.83	1.24	610	42	24.0	10.9
4 1/2	114 + 3	0.13	3.2	0.96	1.43	550	38	26.4	12.0
5	127 + 4	0.13	3.4	1.11	1.66	460	32	28.8	13.1
6	151 + 4	0.15	3.8	1.44	2.15	610	42	38.9	17.7

NOTE: SAFETY FACTOR SF BP/WP IS 2.1 FOR ALL NON HAZARD AND/OR INFLAMMABLE LIQUIDS

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