



Mandals Flexitex Extra is a lightweight yet hardwearing hose intended for use as feeder hose for larger irrigation and slurry units in the agricultural sector, and as transfer hose for nonflammable liquids in the construction and general industry.

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Mandals Flexitex Extra 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.

Mandals Flexitex Extra has a high resistance against commonly used chemicals. Because of the interlocking circular weave, the hose does not stretch when pulled and has a very high pressure rating to wall thickness ratio.

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

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

Technical Data

Inner Diameter		Wall Thickness		Weight		Burst Pressure		Tensile Strength *	
inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	lbs	kg
3	76,0 +2,0	0,12	3,1	0,64	0,95	725	50	17 800	8 100
3 1/2	90,0 +2,5	0,12	3,2	0,77	1,115	580	40	20 000	9 100
4	102,0 +2,5	0,13	3,2	0,83	1,25	530	40	22 450	10 200
4 1/2	114,0 +3,0	0,13	3,2	0,94	1,40	500	35	24 650	11 200
5	127,0 +3,0	0,13	3,3	1,14	1,70	435	30	26 850	12 200
6	154,0 +3,0	0,15	3,8	1,48	2,20	600	42	36 500	16 600
6 (800)	154,0 +3,0	0,16	4,0	1,55	2,30	783	54	54 100	24 600

Maximum recommended Working Pressure: 50% of the listed values – for temporary use. To obtain maximum lifetime for the hose, it is recommended that the Working Pressure or the Working Tensile Stress does not exceed 1/3 of the listed values.

** Total theoretical longitudinal strength.*