

mandals Flexitex Extra / Köper

SINCE 1775



Mandals Flexitex Extra and Flexitex Köper are lightweight, easy to handle yet hardwearing hoses.

Mandals Flexitex Extra/Köper are intended for use as feeder hoses for larger irrigation and slurry units in the agricultural sector, and as transfer hoses for non-flammable liquids in the construction and general industry.

Mandals Flexitex Extra/Köper are 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/Köper have high resistance against commonly used chemicals. Because of the interlocking circular weave, the hoses do not stretch when pulled. For the same reason, they have a very high pressure rating to wall thickness ratio.

They 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.

Mandals Flexitex Extra/Köper

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	0,13	3,3	0,77	1,15	580	40	20 000	9 100
4	102,0 +2,5	0,13	3,3	0,90	1,35	550	38	22 450	10 200
4 1/2	114,0 +3,0	0,13	3,3	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

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

* Total theoretical longitudinal strength.

** Higher Burst Pressure on request.