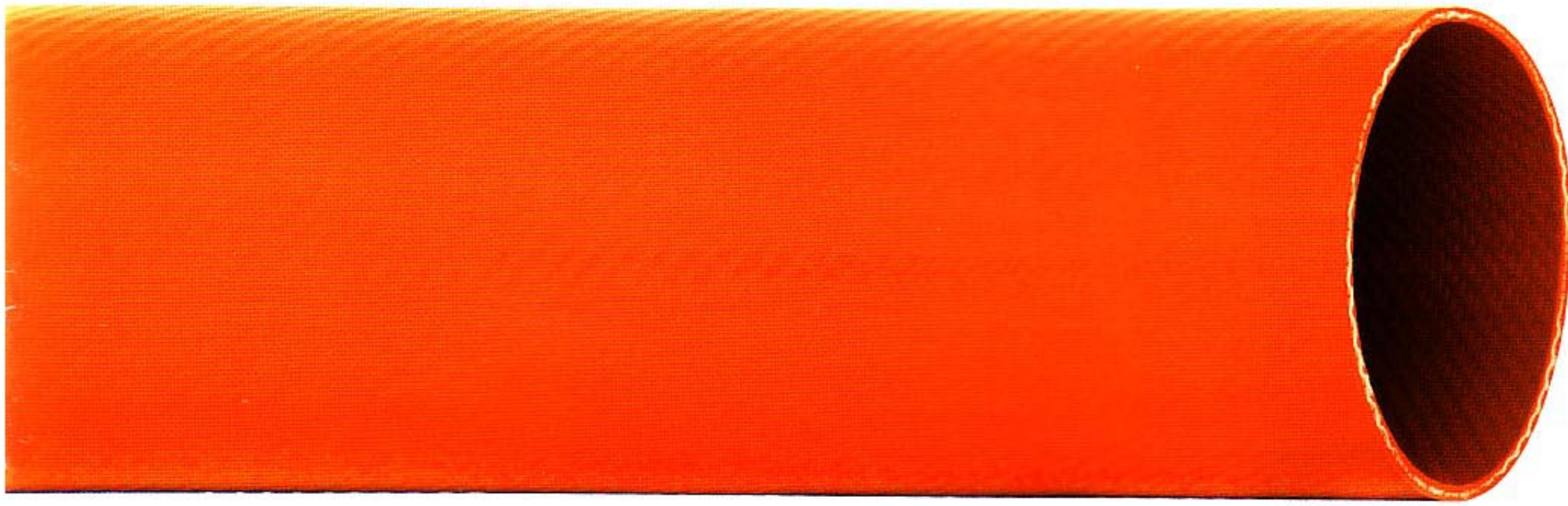


mandals Dragman



Mandals Dragman is a lightweight, very abrasion resistant hose for umbilical slurry drag systems.

Mandals Dragman has been designed for the latest environmentally friendly umbilical drag systems. These are used for distribution of slurry and manure as fertilizer in the fields of agriculture.

These systems require hoses to be connected between slurry reservoirs (lagoons) and tow tractors in the field to be fertilized. The tow tractor pulls the draghose behind it while the hose feeds the injection tool bar that deposits the manure in the plowed furrows. The distance between the lagoon and the edge of the field is made up of transfer hoses (Mandals Flexitex / Mandals Superman HVT), but the last one or two lengths before the tow tractor are dragged in the

field and put under continuous severe stress. The hose has been designed with this extreme tensile stress and abrasion in mind. The TPU cover has abrasion resistance 4 - 5 times that of commonly used rubber. The tensile strength has been substantially increased to withstand the pull forces. Mandals Dragman represents the latest in environmentally friendly and safe manure distribution.

Standard lengths up to 200 meters. For diameter lower than 6 inches, longer lengths on request.

Never tow one part of the hose across another!

Mandals Dragman

Inches	Inner Diameter	Wall thickness	Weight/Meter	Burst pressure	Tensile Strength*
3	76,0 mm+2,0	3,5 mm	0,950 kg	4,8 MPa	7 900 kg
3 1/2	90,0 mm+2,0	3,5 mm	1,100 kg	4,0 MPa	12 000 kg
4	102,0 mm+2,5	3,5 mm	1,330 kg	3,8 MPa	13 100 kg
4 1/2	114,0 mm+2,5	3,5 mm	1,500 kg	3,5 MPa	15 900 kg
5	127,0 mm+2,5	3,5 mm	1,620 kg	3,2 MPa	17 700 kg
6	152,0 mm+3,0	3,5 mm	1,900 kg	3,2 MPa	24 800 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.