



MANDALS DRAGMAN STANDARD IS DESIGNED FOR ESPECIALLY TOUGH USE WITH UMBILICAL DRAG SYSTEMS FOR DISTRIBUTION OF SLURRY AND MANURE IN SMALL AGRICULTURAL FIELDS WHERE THE HOSE IS EXPOSED TO MANY BENDS. HOSES ARE CONNECTED BETWEEN SLURRY RESERVOIRS (LAGOONS) AND TOW TRACTORS. BETWEEN THE LAGOON AND THE EDGE OF THE FIELD TRANSFER HOSES ARE USED.

FEATURES

- Designed for umbilical drag system used for distribution of slurry and manure in agricultural fields
- Engineered with extreme tensile strength and abrasion properties
- High tenacity filament polyester yarn

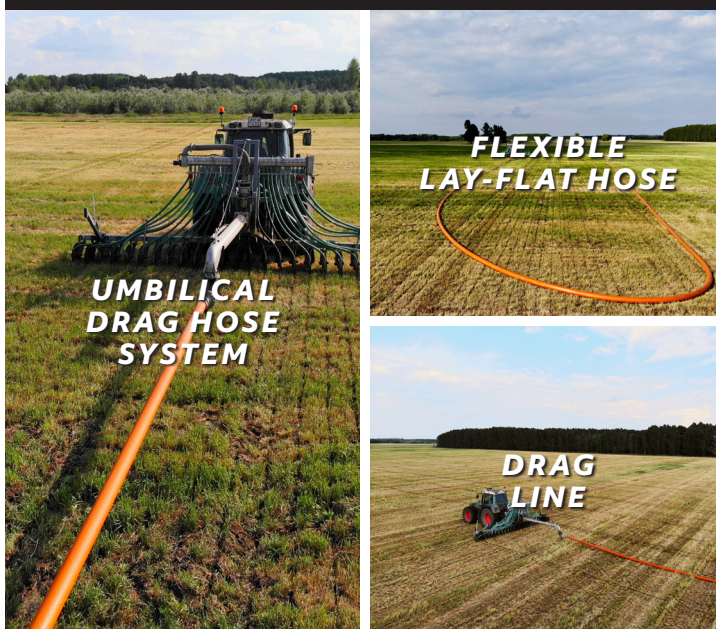
DESIGN

- Thermoplastic polyether based polyurethane (TPU)
- Extruded through a circular woven jacket
- Heavily reinforced weave

ADVANTAGE

- High tensile strength
- Enhanced abrasion resistance
- Diameter and extension stability
- Low kink radius
- High puncture resistance
- Temperature range -50 to 75 °C (pure water)
- Excellent UV and weathering resistance

APPLICATIONS / AGRICULTURE



MANDALS DRAGMAN IS ESPECIALLY DESIGNED TO WITHSTAND THE EXTREME TENSILE STRESS, PULLING FORCES AND ABRASION FROM UMBILICAL SLURRY SYSTEMS. SOME DIAMETERS ARE AVAILABLE IN 300-400 METER LENGTHS.

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 1/2	90 + 2	0.14	3.4	0.70	1.05	650	45	28.7	13.0
4	102 + 2.5	0.14	3.6	0.91	1.35	610	42	32.9	14.9
4 1/2	114 + 2.5	0.14	3.6	1.01	1.50	520	36	37.5	17.9
5	127 + 2.5	0.14	3.6	1.11	1.65	460	32	43.9	19.9
5 1/2	140 + 3	0.15	3.8	1.29	1.92	435	30	48.3	21.8
6	152 + 3	0.15	3.8	1.41	2.10	405	28	56.4	25.5
8	203 + 3	0.17	4.2	2.21	3.30	435	30	102.8	46.5

NOTE: SAFETY FACTOR BP/WP IS 2:1 (50%). FOR ALL NON-HAZARD AND /OR INFLAMMABLE LIQUIDS.

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