



Mandals Dragman series consists of flexible, high-quality lay-flat hoses uniquely designed for the agriculture industry. They are particularly great to use with umbilical drag systems to distribute slurry and manure in a cost-efficient way.

Dragman Extra Performance has increased cover thickness compared to Dragman Premium. This gives a hose with added strength and resistance to wear and tear, optimal for larger fields and rockier soils. Standard is used where less demanding abrasion capacity is required.

Primary Uses & Applications

- Umbilical drag systems.
- Distribution of slurry and manure.

Features

- Low kink radius.
- Designed to withstand the extreme tensile loads and abrasion seen in umbilical slurry systems.
- High diameter and extension stability.
- High puncture resistance.
- Excellent UV and weathering resistance.

Construction

- Covered and lined with Thermoplastic Polyurethane (TPU).
- Extrusion through the weave technology - ensuring excellent adhesion between TPU and the weave.
- Heavily reinforced weave ensuring required longitudinal tensile strength and burst pressure.

Properties

- Lengths up to 600m for some dimensions.
- Color options: Orange (standard).
- Operating temperature from -50°C to +65 °C (-58°F to +149°F).

Dragman Standard

Article Number	Inner Diameter		Wall Thickness		Weight		Maximum Working Pressure		Burst Pressure		Nom. Tensile Strength	
	inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
DRS090	3 1/2	90 ± 2.0	0.13	3.4	0.70	1.05	305	21	610	42	28.7	13.0
DRS102	4	102 ± 2.5	0.14	3.6	0.91	1.35	305	21	610	42	32.9	14.9
DRS114	4 1/2	114 ± 2.5	0.14	3.6	1.01	1.50	260	18	520	36	37.5	17.9
DRS127	5	127 ± 2.5	0.14	3.6	1.11	1.65	230	16	460	32	43.9	19.9

Dragman Premium

Article Number	Inner Diameter		Wall Thickness		Weight		Maximum Working Pressure		Burst Pressure		Nom. Tensile Strength	
	inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
DRP102	4	102 ± 2.5	0.16	4.2	1.14	1.70	260	18	535	37	37.5	17.9
DRP114	4 1/2	114 ± 2.5	0.17	4.3	1.22	1.82	260	17.5	535	35	43.9	19.9
DRP127	5	127 ± 2.5	0.17	4.3	1.31	1.95	215	15	435	30	48.3	21.8
DRP140	5 1/2	140 ± 3.0	0.17	4.3	1.44	2.20	215	15	435	30	56.4	25.5
DRP152	6	152 ± 3.0	0.17	4.4	1.54	2.30	215	15	435	30	60.4	27.3
DRP203	8	203 ± 4.0	0.21	4.7	2.28	3.40	215	15	435	30	103.2	46.9

Dragman Extra Performance

Article Number	Inner Diameter		Wall Thickness		Weight		Maximum Working Pressure		Burst Pressure		Nom. Tensile Strength	
	inch	mm	inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
DRXP114	4 1/2	114 ± 2.5	0.19	4.8	1.35	2.00	260	17.5	535	35	30.3	13.7
DRXP127	5	127 ± 2.5	0.19	4.8	1.48	2.20	215	15	435	30	48.3	21.8
DRXP140	5 1/2	140 ± 3.0	0.19	4.9	1.65	2.45	215	15	435	30	56.4	25.5
DRXP152	6	152 ± 3.0	0.20	5.0	1.85	2.75	215	15	435	30	60.4	27.3
DRXP165	6 1/2	165 ± 3.0	0.20	5.1	2.30	3.40	290	20	580	40	81.2	36.8
DRXP178	7	178 ± 3.0	0.21	5.3	2.35	3.50	290	20	580	40	81.2	36.8
DRXP184	7 1/4	184 ± 3.0	0.21	5.3	2.38	3.55	290	20	580	40	81.2	36.8

Note: Minimum safety factor burst to maximum working pressure is 2:1 for non-hazardous/non-flammable liquids. For questions about chemical resistance please check mandals.com/support.