



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 ^a		Wall Thickness		Weight		Maximum Working Pressure ^a		Burst Pressure		Nom. Tensile Strength ^a	
	Inch	mm	Inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
DRS090	3 1/2	90	0.13	3.4	0.70	1.05	305	21	610	42	28.7	13.0
DRS102	4	102	0.14	3.6	0.91	1.35	305	21	610	42	32.9	14.9
DRS114	4 1/2	114	0.15	3.8	1.11	1.65	260	18	520	36	38.3	17.4
DRS127	5	127	0.15	3.8	1.14	1.70	230	16	460	32	43.9	19.9

Dragman Premium

Article Number	Inner Diameter ^a		Wall Thickness		Weight		Maximum Working Pressure ^a		Burst Pressure		Nom. Tensile Strength ^a	
	Inch	mm	Inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
DRP102	4	102	0.16	4.2	1.14	1.70	265	18.5	535	37	38.3	17.4
DRP114	4 1/2	114	0.17	4.3	1.22	1.82	250	17.5	510	35	38.3	17.4
DRP127	5	127	0.17	4.3	1.31	1.95	215	15	435	30	42.3	19.2
DRP140	5 1/2	140	0.17	4.3	1.44	2.20	215	15	435	30	56.4	25.5
DRP152	6	152	0.17	4.4	1.54	2.30	215	15	435	30	60.4	27.3
DRP203	8	203	0.21	4.7	2.28	3.40	215	15	435	30	103.2	46.9

Dragman Extra Performance

Article Number	Inner Diameter ^a		Wall Thickness		Weight		Maximum Working Pressure ^a		Burst Pressure		Nom. Tensile Strength ^a	
	Inch	mm	Inch	mm	lbs/ft	kg/m	psi	bar	psi	bar	X1000 lbs	X1000 kg
DRXP114	4 1/2	114	0.19	4.8	1.35	2.00	250	17.5	510	35	43.4	19.7
DRXP127	5	127	0.19	4.8	1.48	2.20	215	15	435	30	46.1	20.9
DRXP140	5 1/2	140	0.19	4.9	1.65	2.45	215	15	435	30	56.4	25.5
DRXP152	6	152	0.20	5.0	1.85	2.75	215	15	435	30	60.4	27.3
DRXP165	6 1/2	165	0.20	5.1	2.30	3.40	290	15	580	30	76.9	34.9
DRXP178	7	178	0.21	5.3	2.35	3.50	290	15	580	30	76.9	34.9
DRXP184	7 1/4	184	0.21	5.3	2.38	3.55	290	15	580	30	76.9	34.9

Note: ¹Tolerance range based on ISO1307 Type C. ²Values are for hose only; allowed working pressure can't exceed pressure rating of coupling. For questions about chemical resistance please check mandals.com/support. ³Calculated value. Use a reduction factor of 0.75 for realistic maximum tensile strength values.