## Flat hoses for special applications


# DRAGMAN

**Agricultural drag hose for field fertilisation**

**Hose material:** orange polyurethane (PU) pressed into a high-strength polyester braid during the hose extrusion process

**Operating temp:** -50°C to +65°C

Robust, specialised drag hose for farmers designed for natural fertilisation in crop production (slurry and manure fertilisation). Used in complex slurry spreading systems such as spreaders. In these solutions, the slurry is pumped via a hose from the tank into dispensers/tanks mounted on the grass track and then spread directly onto the soil surface. Extremely robust and durable thanks to the high quality materials and construction. Reinforcement from circumferentially woven high-strength polyester braid bonded and surrounded by polyurethane in the original manufacturing process of hot extrusion of thermoplastic polyurethane through the braid. With its high tensile, abrasion, puncture, weather, UV resistance and small bend radius, it is widely used for field fertilisation. Also available in other versions DRAGMAN EXTRA (with increased breaking strength) and DRAGMAN PREMIUM (with increased abrasion resistance) and in longer lengths.

| index | internal diameter [mm] | wall thickness [mm] | external diameter [mm] | working pressure 20°C* [bar] | 20°C burst pressure [bar] | mass [kg/m] | Roll length [m] | Hose bursting force (design)** [kG]. |
|---|---|---|---|---|---|---|---|---|
| MR-DRAGMAN-090 | $90{,}0^{+2{,}0}$ | 3,4 | 96,8 | 22,5 | 45 | 1,05 | 200 | 13000 |
| MR-DRAGMAN-102 | $102{,}0+2^{.5}$ | 3,6 | 109,2 | 21 | 42 | 1,35 | 200 | 14900 |
| MR-DRAGMAN-114 | $114{,}0+2^{.5}$ | 3,6 | 121,2 | 18 | 36 | 1,50 | 200 | 17900 |
| MR-DRAGMAN-127 | $127{,}0+2^{.5}$ | 3,6 | 134,2 | 16 | 32 | 1,65 | 200 | 19900 |
| MR-DRAGMAN-140 | $140{,}0+3^{.0}$ | 3,8 | 147,6 | 15 | 30 | 1,92 | 200 | 21800 |
| MR-DRAGMAN-152 | $152{,}0+3^{.0}$ | 3,8 | 159,6 | 14 | 28 | 2,10 | 200 | 25500 |
| MR-DRAGMAN-203 | $203{,}0^{+3{,}0}$ | 4,2 | 211,4 | 15 | 30 | 3,30 | 200 | 46500 |

Note: Indices highlighted in colour - the most commonly used. * Max. working pressure for temporary use determined by a safety factor of 2:1 approved by the manufacturer (only for water and safe, non-flammable liquids). **For maximum service life, it is recommended not to exceed 1/3 of the burst pressure and the specified breaking load.