



Flat air hoses



MANTEX

Original flat hose for compressed air Hose

material: yellow NBR/PVC compound with barrier UV-resistant, pressed into the polyester braid (textile interlayer) during the hose extrusion process

Operating temp: -30°C to +75°C (temporarily up to +80°C)

Delivery hose designed for the transfer of compressed air, for compressors, hammers, augers and other pneumatic tools. Thanks to its low weight, flexibility, sturdy construction and high working pressure, it has been accepted and successfully used for many years in construction (especially demolition companies), industry and mining. Extremely robust and durable thanks to the high quality of materials and construction. Reinforcement from circumferentially woven polyester braid fully bonded and surrounded by rubber in the original production process of hot extrusion of the rubber compound through the braid. UV-resistant. Smooth inner layer for minimal flow loss. Yellow grooved outer surface is abrasion, oil and ozone resistant and highly visible on site. Flat at rest for easy handling and storage. Resistant to longitudinal loads. Usually used with air claw couplings (42 or 41 mm spacing) mounted with cast iron clamps. Also available in black. Use for high-pressure air should always be preceded by a risk analysis in the event of accidental hose disconnection or rupture and the possible use of safety devices.

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-MANTEX-020	20,0+1,6	2,3	24,6	25,0	100	0,21	200	1900
MR-MANTEX-025	25,4+1,6	2,5	30,4	25,0	100	0,27	200	2300
MR-MANTEX-038	38,0+1,6	2,5	43,0	21,25	85	0,38	200	3500
MR-MANTEX-051	51,0+2,0	2,5	56,0	15,0	60	0,53	200	4700
MR-MANTEX-065	65,0+2,0	2,9	70,8	12,5	50	0,68	200	6700
MR-MANTEX-076	76,0+2,0	3,1	82,2	12,5	50	0,95	200	8100

Note: Indices highlighted in colour - the most commonly used. * Max. working pressure determined by the safety factor of 4:1 approved by the manufacturer for air. **Manufacturer does not recommend exceeding 1/3 of the specified breaking load.



MANTEX HP

Original high-pressure flat hose for compressed air

Inner layer: Polyurethane (PU)
Reinforcement: double braided polyester
Outer layer: orange polyurethane (PU)
Operating temp: -50°C to +110°C

High-pressure, highly durable compressed air hose. Designed for use in the harsh conditions of construction sites, mines, etc. to supply equipment with high compressed air consumption. Extremely robust and durable due to the high quality materials and double **jacketed construction** - double reinforcement with high strength peripherally woven polyester braid, fully covered and lined with thermoplastic polyurethane (PU). A hose with very good abrasion resistance, resistant to punctures, abrasion and oil. The hose does not elongate under pressure and is resistant to longitudinal loads. Flat at rest for easy handling and storage. **Available as** 20m or 40m prefabricated hoses with factory-fitted end fittings. Use for high-pressure air should always be preceded by a risk analysis in the event of accidental disconnection or rupture of the hose and the possible use of safeguards.

cable			MANTEX HP hose						
index	cable length [m]	tips	internal diameter [mm]	wall thickness [mm]	external diameter [mm]	working pressure 20°C* [bar].	Bursting pressure 20°C [bar].	mass [kg/m]	Hose bursting force (design)** [kG].
MR-MANTEXHP-051-20	20	2 x GW Rd 65x1/6", flat seal	51,0+2,0	4,4	59,8	43,75	175	0,82	14300
MR-MANTEXHP-051-40	40								
MR-MANTEXHP-076-20	20	2 x GW BSP 3", cone seal	76,0+2,0	4,5	85	30,00	120	1,24	21000
MR-MANTEXHP-076-40	40								

Note: Indexes highlighted in colour - most commonly used. * Max. hose operating pressure determined by the 4:1 safety factor approved by the manufacturer for air. **The manufacturer does not recommend exceeding 1/3 of the specified breaking load.

