



If you are specifying hoses, remember to check out Megaflex® P1T Pilot Control Hose



Pilot Control Assembly Availability

Megaflex® P1T pilot control hoses are available as assemblies with all termination types (metric, BSP, JIC and SAE). Couplings are very small and compact to fit the tightest spaces. They feature a maximum through bore for best signal response.

Megaflex® P1T pilot control hose is the latest addition to Gates Megaflex® compact hose line. It is designed for hydraulic pilot control applications in confined spaces in industrial, construction and agricultural equipment. This top quality hose features superior flexibility providing a very tight bend radius as well as resistance to expansion, kinking and abrasion. Megaflex® P1T pilot control hose has been fully tested to meet all possible pilot control applications. It has been engineered as an assembly to ensure maximum trouble free life and avoid replacement in difficult and often inaccessible areas. This rubber, wire reinforced hose easily outperforms thermoplastic, textile reinforced and other wire reinforced pilot control hoses.

Benefits of Megaflex® P1T Pilot Control Hose

Superior flexibility, lightweight and compact dimensions

The extremely tight bend radius and small outside diameter of Gates Megaflex® P1T pilot control hose allows for the most compact designs. This superior flexibility and light weight result in optimum routing and installation as well as convenient handling even in the tightest spaces.

Kink resistance

The high-quality, resilient rubber compound and the wire reinforcement provide for superior protection against kinking, allowing full utilisation of the minimum bend radius and trouble-free installation.

Reliability

Megaflex® P1T pilot control hose has been proven beyond 800,000 impulse test cycles, to ensure maintenance-free installation.

Abrasion resistance

Unlike thermoplastic covers, Megaflex® P1T chloroprene cover is particularly abrasion resistant in hose-to-hose applications. This is a major benefit, as pilot control hoses are often installed in bundles.








Superior signal response

Due to the wire reinforcement, Megaflex® P1T shows only minimal expansion under pressure, thus ensuring superior signal response. The small bend radius allows shorter hose routings for even better signal performance.

Strength

The wire reinforced construction provides extra strength and offers high resistance to pressure and tensile forces.

Technical specifications

												
-size	DN	"	"	mm	PSI	MPa	PSI	MPa	mm	kg/100m	REF.	Prod. No.
-3	5	3/16	0.36	9.1	7000	48.0	1750	12.0	20	9	P1T03	4657-96983
-4	6	1/4	0.43	11.0	7000	48.0	1750	12.0	25	12	P1T04	4657-96984
-5	8	5/16	0.48	12.5	7000	48.0	1750	12.0	30	14	P1T05	4657-96985
-6	10	3/8	0.57	13.9	7000	48.0	1750	12.0	40	15	P1T06	4657-96986

Cover: Chloroprene (CR).

Tube: Oil resistant Nitrile (NBR).

Reinforcement: High tensile steel wire.

Temperature range: -40°C to +100°C;
intermittent up to 120°C.

IMPORTANT

For use of P1T03 hose in pilot line applications, please contact your Gates representative.



A Tomkins Company