

PTA – High pressure hose for reusable fittings



MAIN FEATURES

- Excellent abrasion resistance
- Small bend radii
- Low weight
- Excellent chemical resistance due to polyamide core tube
- **Reusable fittings allow easy on site mounting**

APPLICATIONS

High pressure service for general industrial and mobile hydraulic applications. Especially suitable for systems, where small outer diameters are required under difficult assembly conditions.

CONSTRUCTION

Core tube : Polyamide
Pressure reinforcement : One braided layer of high tensile synthetic fibre
Cover : Polyurethane, except -025: polyamide
Colour : black

TEMPERATURE RANGE

–40 °C up to +100 °C

Part No. #	DN	size	mm	inch	mm	Max. working pressure* MPa / psi		Min. burst pressure MPa / psi		Min. bend radius mm	Weight kg/m	Fittings
PTA-025	4	-025	4.0	5/32	8.1	37.0	5,370	92.5	13,410	40	0.040	AF/AB
PTA-04	6	-04	6.3	1/4	11.4	25.5	3,700	64.0	9,280	63	0.075	AF/AB
PTA-05	8	-05	8.0	5/16	13.5	22.5	3,260	56.0	8,120	80	0.100	AF/AB
PTA-06	10	-06	10.0	3/8	16.7	19.0	2,760	47.5	6,880	100	0.145	AF/AB

NOTES

* Values are valid for 20°C. Reduced working pressure at higher temperatures:

	50°C (MPa/psi)	80°C (MPa/psi)
PTA-025	32.5 / 4,710	28.0 / 4,060
PTA-04	22.5 / 3,260	19.0 / 2,760
PTA-05	20.0 / 2,900	17.0 / 2,470
PTA-06	17.0 / 2,470	14.5 / 2,100