

## 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.<br><b>#</b> | DN size |      |     |      | mm   | Max. working pressure* |       | Min. burst pressure |        | Min. bend radius | Weight | Fittings |
|----------------------|---------|------|-----|------|------|------------------------|-------|---------------------|--------|------------------|--------|----------|
|                      | mm      | inch | MPa | psi  |      | MPa                    | psi   | kg/m                |        |                  |        |          |
| 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    |

### 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   |