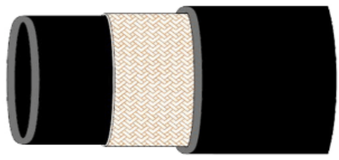
# 441 RH HOSE



**Construction:** Core is synthetic rubber tube reinforced by one compact braided layer of steel (Hi-Pac) wire, outer fire retardant synthetic rubber as cover.

**Application:**

Medium pressure hydraulic and pneumatic systems. The fire retardant special rubber cover contributes to increased safety in rail transport as it minimises the release of harmful substance in the case of fire. The Hi-pac construction of the wire reinforcement allows the hose to meet technical specifications of R16 hose thus make installation easier and faster. It is mainly used in low pressure hydraulic systems and water cooling systems, rail transport, rail vehicles etc.

**Inner Tube**

Synthetic rubber

**Cover**

Fire retardant synthetic rubber

**Reinforcement**

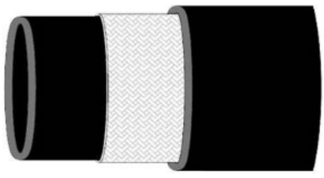
One compact braided layer of steel wire(Hi-pac)

**Temp. Range**

-40°F to +237°F (-40°C to +125°C)

| Hose I.D | | Hose O.D | Working Pressure | | Minimum Bend Radius | | Bend Radius |
|---|---|---|---|---|---|---|---|
| Inch | mm | mm | psi | bar | Psi | bar | mm |
| 1/4 | 6.3 | 13.4 | 5000 | 345 | 20000 | 1380 | 50 |
| 5/6 | 7.9 | 15.0 | 4250 | 293 | 17000 | 1172 | 55 |
| 3/8 | 9.5 | 17.4 | 4000 | 276 | 16000 | 1104 | 65 |
| 1/2 | 12.7 | 20.7 | 3500 | 241 | 14000 | 964 | 90 |
| 5/8 | 15.9 | 23.8 | 2750 | 190 | 11000 | 760 | 100 |
| 3/4 | 19.1 | 27.8 | 2250 | 115 | 9000 | 620 | 120 |
| 1 | 25.1 | 35.8 | 2000 | 138 | 8000 | 552 | 150 |

# 681 DB HOSE



**Construction:** Core is synthetic rubber tube reinforced by two braided layers of textile fibre, outer fire retardant synthetic rubber as cover.

**Application:**

Low pressure hydraulic and pneumatic systems. The fire retardant special rubber cover contributes to increased safety in rail transport as it minimises the release of harmful substance in the case of fire. Due to its high flexibility and small bend radii the hose is perfectly suitable for compact installation. It is mainly used in low pressure hydraulic systems and water cooling systems, rail transport, rail vehicles etc.

**Inner Tube**

Synthetic rubber.

**Cover**

Fire retardant synthetic rubber.

**Reinforcement**

Two braided layer of textile fibre.

**Temp. Range**

-40°F to +212°F (-40°C to +100°C)

| Hose I.D | | Hose O.D | Working Pressure | | Minimum Bend Radius | | Bend Radius |
|---|---|---|---|---|---|---|---|
| Inch | mm | mm | psi | bar | Psi | bar | mm |
| 1/4 | 6.3 | 13.4 | 1090 | 75 | 4360 | 300 | 40 |
| 5/6 | 7.9 | 14.6 | 980 | 68 | 3920 | 272 | 50 |
| 3/8 | 9.5 | 16.2 | 910 | 63 | 3640 | 252 | 60 |
| 1/2 | 12.7 | 19.9 | 840 | 58 | 3360 | 232 | 70 |
| 5/8 | 15.9 | 23.4 | 725 | 50 | 2900 | 200 | 90 |
| 3/4 | 19.1 | 26.5 | 650 | 45 | 2600 | 180 | 110 |
| 1 | 25.1 | 33.4 | 580 | 40 | 2320 | 160 | 150 |