# Hydraulic Hose

## SAE 100R2AT High Temperature

**Application:**
Suitable for high-pressure hydraulic systems, fuel oil, antifreeze mixtures, as well as air and water. Specifically engineered for high-temperature use. Not intended for steam applications.

**Tube:**
NHBR oil resistant rubber.

**Reinforcement:**
Two braid high tensile steel wire.

**Cover:**
Abrasion, ozone and hydrocarbon resistant blue synthetic rubber.

**Temperature:**
Constant working temperature: -40°F/+300°F (-40°C /+150°C)

**Marking:**
PARAGON



| PART NO. | ID | | OD | | Pressure | | | | Min. B. R. | | Weight | Max. L |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | W.P. | | B.P. | | | | | |
| | DN | Inch | Inch | mm | Bar | PSI | Bar | PSI | Inch | mm | lbs./FT | ft/m |
| HTR2-4 | 6 | 1/4 " | 0.56 | 14.3 | 400 | 5800 | 1600 | 23200 | 4.02 | 102 | 0.24 | 330/100 |
| HTR2-5 | 8 | 5/16" | 0.63 | 16.0 | 350 | 5050 | 1400 | 20300 | 4.49 | 114 | 0.30 | 330/100 |
| HTR2-6 | 10 | 3/8" | 0.72 | 18.4 | 330 | 4750 | 1320 | 19100 | 5.00 | 127 | 0.36 | 330/100 |
| HTR2-8 | 12 | 1/2 " | 0.84 | 21.3 | 275 | 3950 | 1100 | 15950 | 7.01 | 178 | 0.46 | 330/100 |
| HTR2-10 | 16 | 5/8" | 0.97 | 24.6 | 250 | 3600 | 1000 | 14500 | 7.99 | 203 | 0.54 | 330/100 |
| HTR2-12 | 19 | 3/4" | 1.13 | 28.7 | 215 | 3100 | 850 | 12300 | 9.49 | 241 | 0.63 | 200/61 |
| HTR2-16 | 25 | 1" | 1.46 | 37.1 | 165 | 2350 | 650 | 9400 | 12.01 | 305 | 0.91 | 200/61 |
| HTR2-20 | 32 | 1 ¼" | 1.84 | 46.7 | 125 | 1800 | 500 | 7250 | 16.50 | 419 | 1.44 | 100/30 |
| HTR2-24 | 38 | 1 ½" | 2.14 | 54.5 | 90 | 1300 | 360 | 5200 | 20.00 | 508 | 1.78 | 100/30 |
| HR2-32 | 51 | 2" | 2.63 | 66.7 | 80 | 1150 | 320 | 4600 | 25.00 | 635 | 2.30 | 100/30 |

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