

HYDRAULIC HOSES

SAE R1 AT



Structure:

Inner Tube - Black, Oil and Heat resistant synthetic rubber based compound.

Reinforcement - Single braid of high tensile steel wire.

Cover - Black, Oil and abrasion resistant synthetic rubber compound.

Applications:

Petroleum base hydraulic fluid & lubricating oils.

Temperature range:

-40°C to +100°C



| DASH | DN | HOSE ID | | BRAIDING OD | | HOSE OD | | MAX WORKING PRESSURE | | MINIMUM BURST PRESSURE | | MINIMUM BAND RADIUS | |
|------|----|---------|------|-------------|------|---------|------|----------------------|-----|------------------------|-----|---------------------|-----|
| | | INCH | MM | INCH | MM | INCH | MM | PSI | BAR | PSI | BAR | INCH | MM |
| 4 | 6 | 1/4" | 6.3 | 0.44 | 11.3 | 0.53 | 13.5 | 3265 | 225 | 13000 | 900 | 3.94 | 100 |
| 5 | 8 | 5/16" | 8.0 | 0.51 | 13.0 | 0.60 | 15.2 | 3115 | 215 | 12475 | 860 | 4.53 | 115 |
| 6 | 10 | 3/8" | 9.5 | 0.59 | 15.1 | 0.69 | 17.4 | 2610 | 180 | 10450 | 720 | 5.12 | 130 |
| 8 | 12 | 1/2" | 12.7 | 0.71 | 18.0 | 0.81 | 20.5 | 2320 | 160 | 9280 | 640 | 7.09 | 180 |
| 10 | 16 | 5/8" | 15.9 | 0.84 | 21.4 | 0.94 | 23.9 | 1885 | 130 | 7520 | 520 | 7.87 | 200 |
| 12 | 20 | 3/4" | 19.0 | 1.00 | 25.5 | 1.10 | 27.9 | 1520 | 105 | 6100 | 420 | 9.45 | 240 |
| 16 | 25 | 1" | 25.4 | 1.30 | 33.0 | 1.40 | 35.7 | 1275 | 88 | 5100 | 352 | 11.8 | 300 |
| 20 | 32 | 1-1/4" | 31.5 | 1.59 | 40.5 | 1.71 | 43.5 | 915 | 63 | 3650 | 252 | 16.54 | 420 |
| 24 | 38 | 1-1/2" | 38.0 | 1.83 | 46.5 | 1.98 | 50.2 | 725 | 50 | 2900 | 200 | 19.68 | 500 |
| 32 | 50 | 2" | 50.8 | 2.37 | 60.2 | 2.52 | 64 | 580 | 40 | 2700 | 160 | 24.8 | 630 |