



AVENGER T2A

Meets or exceeds the performance requirements of SAE 100R2AT, AS 3791 100R2AT, DIN 20022-2SN, EN 853 Type 2SN, ISO 1436 Types R2AT & 2SN.

NOTE: -40 size is not included in DIN, EN, ISO standards.

Third Party approvals: ABS, DNV, GL, LR, MED, USCG ([click to view](#)).

Recommended For:

High pressure hydraulic oil lines.

Tube:

Black, oil resistant synthetic rubber. (Nitrile).

Reinforcement:

Two braids of high tensile steel wire.

Cover:

Black, oil resistant and abrasion resistant synthetic rubber. No skiving required with T200 & T700 Series BITELOK Crimp Couplings and L Series Field Attachable Couplings.

Temperature Range:

From -40°C to +100°C (-40°F to +212°F).
For water oil emulsions etc. [click here](#)

Working Pressure:

Maximum working pressures are based on 4:1 safety factor (minimum burst to maximum working pressure).

Flame Resistance:

Complies with Flame Resistant requirements of Australian Standard AS 2660 and Method of Test AS 1180.10B. Meets Flame Resistant Designation "U.S. MSHA" of the US Department of Labor, Mine Safety and Health Administration.

Couplings:

BITELOK NON-SKIVE ONE PIECE CRIMP
T200 Series (sizes -4 to -20) [click to view](#)
T700 Series (sizes -6 to -32) [click to view](#)
Assembly Instructions [click to view](#)

FIELD ATTACHABLE NON-SKIVE

L Series (sizes -4 to -20) [click to view](#)
Assembly Instructions [click to view](#)

FIELD ATTACHABLE SKIVE

B Series* (sizes -24 and -32) [click to view](#)
Assembly Instructions [click to view](#)

SKIVE TWO PIECE CRIMP

1200-40 Series (size -40) [click to view](#)
Assembly Instructions [click to view](#)
Assembly Instructions [click to view](#)

Hose Working Pressures 1 BAR = 14.5 PSI 1 MPA = 10 BAR

| PART NO | HOSE SIZE ID | | | MAX. DYNAMIC WORKING PRESSURE | | MIN. BURST PRESSURE | |
|---------|--------------|-------|------|-------------------------------|------|---------------------|-------|
| | DN | INCH | DASH | BAR | PSI | BAR | PSI |
| T24A | 6 | 1/4 | -04 | 420 | 6000 | 1680 | 24000 |
| T25A | 8 | 5/16 | -05 | 350 | 5100 | 1400 | 20400 |
| T26A | 10 | 3/8 | -06 | 350 | 5100 | 1400 | 20400 |
| T28A | 12 | 1/2 | -08 | 345 | 5000 | 1380 | 20000 |
| T210A | 16 | 5/8 | -10 | 250 | 3625 | 1000 | 14500 |
| T212A | 19 | 3/4 | -12 | 215 | 3120 | 860 | 12400 |
| T216A | 25 | 1 | -16 | 175 | 2540 | 700 | 10150 |
| T220A | 31 | 1.1/4 | -20 | 140 | 2030 | 560 | 8120 |
| T224A | 38 | 1.1/2 | -24 | 100 | 1450 | 400 | 5800 |
| T232A | 51 | 2 | -32 | 90 | 1305 | 360 | 5220 |
| T240A | 63 | 2.1/2 | -40 | 69 | 1000 | 276 | 4000 |

| Hose Dimensions | | | | | | | Matched Couplings | | | | |
|-----------------|---------------------|------|----------------|--------|-----------------|------|-----------------------|--------------------------------|---------|-------------------------|-----------|
| PART NO | MINIMUM BEND RADIUS | | AVERAGE WEIGHT | | NOMINAL HOSE OD | | B SERIES SKIVE LENGTH | FIELD ATTACHABLE L (&B) SERIES | | BITELOK ONE PIECE CRIMP | |
| | MM | INCH | KGS/M | LBS/FT | MM | INCH | MM | INSERT | FERRULE | NON-SKIVE | |
| T24A | 100 | 4.0 | 0,39 | 0.26 | 15,0 | 0.59 | | 600 SERIES | L00-04 | T200 | |
| T25A | 114 | 4.5 | 0,45 | 0.30 | 16,6 | 0.65 | | | | T200 | |
| T26A | 127 | 5.0 | 0,56 | 0.38 | 19,0 | 0.75 | | 600 SERIES | L00-06 | T200 | T700 |
| T28A | 178 | 7.0 | 0,66 | 0.44 | 22,0 | 0.87 | | 600 SERIES | L00-08 | T200 | T700 |
| T210A | 200 | 8.0 | 0,80 | 0.54 | 25,2 | 0.99 | | 600 SERIES | L00-10 | T200 | T700 |
| T212A | 240 | 9.5 | 0,96 | 0.65 | 29,1 | 1.15 | | 600 SERIES | L00-12 | T200 | T700 |
| T216A | 300 | 12.0 | 1,37 | 0.92 | 37,7 | 1.48 | | 600 SERIES | L00-16 | T200 | T700 |
| T220A | 419 | 16.5 | 2,03 | 1.36 | 48,0 | 1.89 | | 600 SERIES | L00-20 | T200 | T700 |
| T224A | 500 | 20.0 | 2,75 | 1.85 | 54,4 | 2.14 | 53 | 600 SERIES | *B00-24 | | T700 |
| T232A | 600 | 24.0 | 3,48 | 2.34 | 67,3 | 2.65 | 58 | 600 SERIES | *B00-32 | | T700 |
| T240A | 760 | 30.0 | 3,70 | 2.49 | 78,6 | 3.09 | | | | 1200-40 | TWO PIECE |

*When using B Series Field Attachable Couplings on T2A Series Hose, cover of hose must be skived at ends.

