



AT-2A(E-3)

Tire Size: 16.00R20

Highly mobile, on/off-road radial crane tire capable of highway speeds.

Capable of sustained highway speeds as well as excellent off-road traction, the highly versatile AT-2A radial features a non-directional tread design for great mobility on all surfaces. Proven at the military level, its specially formulated synthetic / natural rubber compound and high-tensile steel belt package offer excellent cut and impact resistance and high-speed durability.

Available in ply ratings: M

Available locations: North America

Features

- High tensile steel belt package
- Low rolling resistance
- Non-directional tread design
- Proven design in military combat applications
- Radial construction
- Specially formulated synthetic / natural rubber compound

Benefits

- Impact and cut resistant
- Improved fuel economy
- Excellent traction on all surfaces and superior mobility in off-road applications
- Durability in severe service and enhanced flotation capability
- Softer ride, improved treadwear and cool running
- Long wearing tread, advanced cut resistance and high speed durability

Tire Data and Specifications

| | | INFLATED DIMENSIONS | | | | LOADED DIMENSIONS | | | | PERFORMANCE CAPABILITY | | | | | | | | | | | | | | |
|--------------------|-------------------|---------------------|-------|------------------|-------|--------------------|------|-----------------|------|------------------------|-----|--------------------|-----------------|-------------|------|-------------|----|------|------|------|------|------|------|--|
| Rim Width & Flange | Min. Dual Spacing | Overall Width | | Overall Diameter | | Load Sect & Growth | | Static Load Rad | | Revol Per | | Gross Contact Area | | Tire Volume | | Tread Depth | | 2S | | 4S | | 6S | | |
| | | in | mm | in | mm | in | mm | in | mm | mi | km | in ² | cm ² | gal | ltrs | in | mm | tmph | tkph | tmph | tkph | tmph | tkph | |
| 10.00W | 20.2 | 513 | 17.10 | 434.00 | 52.10 | 1323.00 | 18.9 | 480 | 23.7 | 602 | 403 | 250 | 195 | 1258 | 80.5 | 304.6 | 33 | 26 | | | | | | |

Inflation Tables

30 MPH (50 KM/H) MAXIMUM SPEED OFF-THE-ROAD HAULAGE SERVICE

| PSI | 65 | 69 | 73 | 76 | 80 | 83 | 87 | 91 | 94 | 98 | 102 |
|-----|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| KPA | 450 | 475 | 500 | 525 | 550 | 575 | 600 | 625 | 650 | 675 | 700 |
| LBS | 10500 | 11000 * | 11400 | 11700 | 12000 | 12300 | 12800 | 13200 | 13900 | 14300 | 14800 ** |
| KG | 4750 | 5000 * | 5150 | 5300 | 5450 | 5600 | 5800 | 6000 | 6300 | 6500 | 6700 ** |

55 MPH (90 KM/H) MAXIMUM SPEED SERVICE

| PSI | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 | 105 | 110 |
|-----|------|------|------|-------|-------|-------|-------|-------|-------|-----------|-------|-----------|
| KPA | 375 | 400 | 450 | 475 | 525 | 550 | 575 | 625 | 650 | 700 | 725 | 750 |
| LBS | 8770 | 9390 | 9990 | 10560 | 11110 | 11650 | 12160 | 12660 | 13150 | 13630 (L) | 14090 | 14540 (M) |
| KG | 3975 | 4250 | 4525 | 4800 | 5050 | 5275 | 5525 | 5750 | 5975 | 6175 (L) | 6400 | 6600 (M) |