

RIDEMAX FROST - Technical Specifications



Description

RIDEMAX FROST is engineered by BKT for tractors operating in transport and municipal maintenance during snow and ice conditions. With a cold-resistant, specially formulated compound, the tire maintains flexibility and elasticity even at sub-zero temperatures, ensuring optimal grip in extreme winter environments. The tread, featuring multiple sipes, delivers excellent traction on snowy and icy surfaces, creating micro-edges and partial vacuum in the slit that improve grip and reduce the risk of slippage. Additionally, the tread design incorporates snow, utilizing snow-to-snow adhesion to further enhance traction. The compound, made from natural rubber and specific additives, ensures the tire remains flexible and durable in harsh conditions. These specialized compounds also protect the rubber from degradation caused by low temperatures, UV rays, and ozone, prolonging the tire's lifespan. Silica reinforcements increase resistance to cuts and tears on rough or icy terrain, without compromising flexibility. Moreover, RIDEMAX FROST provides superior driving comfort, reducing vibrations and driver fatigue, ensuring safe and efficient operations even during long working hours in winter.

UM

US Standard

Construction

 RADIAL

Machinery

Agriculture: Tractor

| | |
|-----------|-----------------|
| Version | STEEL BELTED |
| Type | TL |
| Tyre Size | 540/80 R 38 IND |
| LI/SS | 172A8/167D |

Dimensions US Standard

| | |
|------------------------------|------------------|
| Usa code | 94076604 |
| Section Width (inch) | 21.7 |
| Overall Diameter (inch) | 72.2 |
| Static Loaded Radius (inch) | 33.1 |
| Rolling Circumference (inch) | 220.1 |
| Rim Rec | DW 18 L |
| Rim Alt | DW 16 L |
| ECE | E11-106R-0010575 |

Load capacity (lbs)

| mph / psi | 12 | 17 | 23 | 29 | 35 | 38 | 41 | 44 | 46 |
|-----------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| 45 | 5290 | 6980 | 8410 | 9260 | 9850 | 10340 | 10810 | 11420 | 12010 |
| 30 | 5720 | 7540 | 9090 | 10010 | 10650 | 11180 | 11690 | 12350 | 12980 |
| 25 | 6120 | 8060 | 9720 | 10700 | 11400 | 11950 | 12500 | 13190 | 13890 |
| 20 | 6350 | 8370 | 10100 | 11110 | 11830 | 12400 | 12980 | 13700 | 14420 |
| 10 | 6670 | 8780 | 10600 | 11660 | 12420 | 13030 | 13630 | 14400 | 15140 |
| 5 | 7620 | 10040 | 12110 | 13330 | 14200 | 14890 | 15570 | 16450 | 17310 |
| 3 | 8840 | 11650 | 14050 | 15460 | 16470 | 17270 | 18070 | 19070 | 20070 |

Rolling Circumference & SLR values are at rated Load and inflation pressure. These values may vary at different Load and pressure condition.

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