

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.

Printed on 4/12/2025 12:52 AM

All product data contained in this publication are for information purposes only and may be modified at any time without prior notice. Balkrishna Industries Ltd. or any of its subsidiary companies does not undertake any responsibility or liability for undetected errors and/or misprints. All rights reserved. The materials and contents of this publication and the website are the exclusive property of Balkrishna Industries Ltd. and are protected by industrial and/or intellectual property laws. The user is not permitted to copy, reproduce, transfer, upload, make use of, publish or spread any contents, in whole or in part, on paper format, electronic format or otherwise without prior written consent by Balkrishna Industries Ltd..