

BeltTS

Belt Technical Specialties

Trackbelt

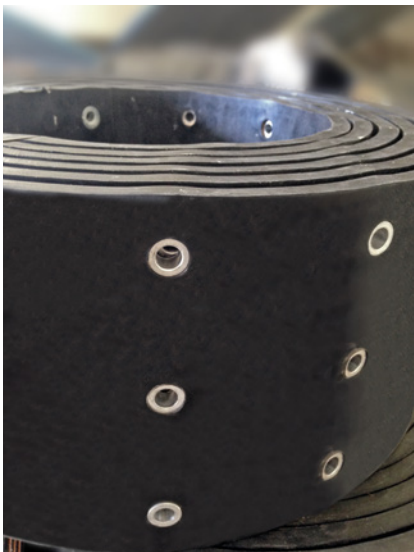
***BeltTS* IS SPECIALIZED IN MANUFACTURING BELTS FOR TRACKS USED IN SNOWGROOMERS APPLICATIONS.**

Our production is fully compliant with the specifications required by the most important OEMs.

The rubber compound has been developed in order to reach the best performances in terms of duration and wear (high resistant to the abrasion, low temperature and ozone). The textile carcass is designed to avoid deformation and elongation in both the directions granting the flexibility of the belt.

The belts are manufactured with vulcanized sealed edges assuring high protection to the fabric core.

Our products are realized in rolls with minimum length of 50 meters accordingly to our customer's designs or in single pieces according to defined volumes.



customizing your needs.

Technical specification of the belt

1. Manufacturing method

The belts are manufactured with a mold in order to obtain rolls with different widths and are all produced with cover edges to protect the textile carcass.

2. Dimensions and Tolerances

Belt dimensions	Standard sizes	
	Min (mm)	Max (mm)
Total length	50000*	No Limit
Width	from 115 (± 3)	to 290 (± 3)
Thickness	10 (± 1)	15 (± 1)

*the length is referred to the rolls - no problem in case of defined lengths for single belt, to be discussed and agreed with customers

3. Material

Rubber standard type (typical values)

Type	Breaking strength	Elongation at break	Hardness	Abrasion (DIN 53516)
	MPa	%	Shore A	mm ³
SBR	18	400	65 (± 5)	<100
NR	27	480	65 (± 5)	<100

Carcass standard type (typical values)

Type	Warp breaking strength	Warp elongation at break	Adhesion Cover/ply	Adhesion Ply/ply
	N/mm	%	N/mm	%
1000/3	1000	25	8	8
1250/3	1250	25	8	8
1400/3	1400	20	8	8
1800/3	1800	20	8	10

4. Working conditions for standard materials above

Low Temperature resistant up to -40 °C;

Ozone resistant

5. Research and developments

Our Laboratories are always looking for new materials and technologies

BeltTS offer high level of customization and possibility to design unique and special solutions fully compliance with customer requirements

A crew of skilled technicians is always available to provide the necessary support for customized designs and installation on site



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