



Certificate NO.: CZ 007335-1 BY EN ISO 9001:2016 AND CZ 007336-1 BY EN ISO 14001:2016

Technical Terms of Acceptance BELT-7/06

Rubber razor-edges

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1. General Information

- 1.1. These Technical Terms of Acceptance are mandatory for both suppliers and consumers of rubber razor-edges.
- 1.2. They are mandatory for production, ordering, delivery.
- 1.3. Rubber razor-edges are designed for snow ploughs for winter road maintenance.

2. Technical Requirements

- 2.1. Product width and thickness tolerance is in accordance with ČSN 630101 (ISO 3302) with accuracy level M4 a DIN 7715 and accuracy class P3.
- 2.2. Razor-edges dimensions :

Thickness (mm)	Width (mm)	Length (mm)
40	250	100

- 2.3. Rubber razor-edges are produced according to the customer's requirements out of compound B-01/04. The following table contains guaranteed physical and mechanical properties of the compound.

Strength (MPa)	min 7
Ductility (%)	min 150
Hardness (°Sh)	80+5
Compound base	SBR
Abrasion (mm3)	110

- 2.4. Surface of razor-edges is matt.

3. Marking

- 3.1. Each razor-edge is marked in the accompanying documentation and the delivery note.
- 3.2. The delivery note provides basic parameters of the product, based on these technical terms of acceptance.
- 3.3. There is a certificate attached, according to ČSN EN 10 204, unless otherwise is stated in the contract. [Inspection Certificate 3.1 according to ČSN EN 10204: 2005 / August - Declaration of compliance with the order and specification of the results of tests carried out under a specified control. The manufacturer`s authorized representative is independent of the production units.](#)
- 3.4. According to a special legislation¹, the product provides information needed for identification of the manufacturer and the product (or product batch), in accordance with § 5, paragraph 1 point b) law 102/2001 Sb. and paragraph 2.

4. Storing

- 4.1. Storing. By ČSN 63 0001 Rubber products. Storing and treatment of rubber and rubber products. (DIN 7716)

5. Packaging and Delivery

- 5.1. Razor-edges are loaded on pallets or in boxes according to the customer's requirements.
- 5.2. Wraps meet the requirements specified in § 3 and 4 of the law 477/2001 Sb.²
- 5.3. Delivery is carried out according to the agreement with the customer.
- 5.4. The supplier of rubber carpets is involved in the EKO-KOM system and has an agreement with the authorized packaging company EKO-KOM in order to fulfil statutory obligations in terms of package use and recycling. Client No. EK-F00050076.

6. Check and Claims

- 6.1. The supplier and/or the manufacturer check the products visually, check the dimensions and physical and chemical properties according to standard operating procedures.
- 6.2. Final check is required before a product is sent to the customer.
- 6.3. Final check is independent of production.
- 6.4. Carpets can be returned only if they were used for recommended purposes and the conditions for their installation were complied.
- 6.5. Mechanically damaged carpets cannot be returned.
- 6.6. Product quality is guaranteed by Quality Management System, based on the Certificate ISO 9001:2000 (certificate number CQS 2156/2003, date 31.8.2003), which is annually verified by an audit CQS Prague by a certificate of Quality Management System.
- 6.7. Inspection certificate, according to the point **3.1.** of the standard **ČSN EN 10204** "Types of inspection documents", may be issued upon request. Inspection certificate is issued by a department independent of the production units and is certified by an authorized representative independent of the production units.

¹ Commercial code, law No. 123/2000 Sb., regulation No. 181/2001 Sb., as amended in the regulation No. 336/2001 Sb., regulation No. 191/2001 Sb., as amended in the regulation No. 337/2001 Sb., and regulation No. 286/2001 Sb. (3) Marking means labeling the product.

² 477/2001 Novels: 274/2003 Sb. changing 1.10.2003, 94/2004 Sb. changing 3.3.2004, 237/2004 Sb. cancelling THE 5TH PART 1.5.2004, 257/2004 Sb. changing 1. 5.2004

7. Utilization and Product Safety (General Product Safety Act ³)

- 7.1. Razor-edges are used as an element for snow ploughs.
The product is easy to clean. Water can be used for cleaning.
- 7.2. The product is safe when used for intended purpose. For safe utilization always follow the recommendations of the manufacturer, especially wrt the type of rubber compound.
- 7.3. The safety of products was assessed based on current state of science and technology and many years of experience with similar rubber products. No risk that the use of the product may cause was found according to a test. The results of the test are available upon request.
- 7.4. These technical terms of acceptance also serve as an accompanying documentation. It provides necessary information, such as basic physical and mechanical properties, method of use and so on, in accordance with § 3, paragraph 1, point a) and other of the law No. 102/2001Sb., as amended.
- 7.5. Unless the manufacturer assigned otherwise, exposing the product to temperatures above 65 °C is not recommended, as it may lead to a damage.
- 7.6. If this product is used for a machinery, produced by the manufacturer as one piece, then the conformity assessment, according to the law No. 22/1997 Sb, is carried out by the manufacturer in accordance with the regulation No. 170/1997 Sb., which determines technical requirements for the machinery (as amended by the regulation No. 24/2003 Sb.)
- 7.7. If it comes as part of a machinery then the manufacturer carries out the conformity assessment as part of the machinery.
- 7.8. After the end of its service life, the product can be recycled in a device suitable for rubber waste.
- 7.9. Package waste, such as wooden pallets or reels, is not impregnated with any harmful and/or hazardous substances and thus can be energetically used.
Vide infra:

ČSN EN 13427 Package - Requirements for the use, European standards for packaging and package waste; August 2001

ČSN EN 13429 Package – Reuse; September 2001

ČSN EN 13430 Package - Requirements for packaging suitable for recycling; September 2001

ČSN 77 0053 Package - Package waste - Instructions and information for treatment of used package; March 2002

ČSN 77 0052-2 Package - Package waste. Part 2: Identification marking of packages for utilization of package waste; March 2002

ČSN EN 13431 Package - Requirements for packaging usable as a source of energy, including minimal inferior calorific value

- 7.10. The product after the end of its service life must not be burned in local heaters or other similar small combustion sources. Black smoke is generated during combustion. It contains hydrocarbons, soot-based compounds and other compounds which are used in rubber manufacture. Dangerous hydrocarbons C_xH_y get released as well. The product does not emit volatile organic compounds in terms of 355/2002Sb. or 509/2005Sb. Emission of radiation or other emissions were not analyzed or identified. No residual risk was found in terms of OHSAS, if basic safety practices specified by § 132aZP are complied.
- 7.11. No risks that the use of the product may cause to consumers (especially children and people with reduced mobility and orientation) were found on a safety test (§ 3, paragraph 1, point a) of the law 102/2001Sb.).
- 7.12. The product does not affect other products under normal use.

8. List of Conducted Tests and Relevant Standards

Tests are conducted based on standards and standard operating procedures that were developed under these standards. The devices used for these tests are included in the company's metrological confirmation system. Their use is managed in accordance with the standard ČSN EN ISO 10012, November 2003: Measurement Management System - Requirements for measurement processes and measuring equipment.

³ Law No. 348/2004Sb. full text of the law No. 102/2001 Sb., about general product safety and after changing some other laws (General Product Safety Act) as follows from changes made by the law No. 146/2003 Sb. and the law No. 277/2003 Sb.

RUBBER RAZOR-EDGES

Test name	Method specification
Rubber density determination	ČSN 62 1405
Hardness determination by indenting the tip of durometer (Shore)	ČSN 62 1431 ISO 27 83
Rubber abrasion resistance determination	ČSN 62 1466 ISO 46 49

9. Attachments

Inspection certificate according to the article 3.1. of the standard ČSN EN 10204 "Types of Inspection Documents". (Certificate of Quality)

Certificate of Quality Management System of Manufacturer

Certificate of Quality Management System of Distributor

Ing. Marcela Kadová
production manager

Signature : _____
Teplce, date 1.1.2020