

**IN EXPLOSIVE AREAS
ONLY**

SR SANOK RUBBER

DuroTM

V-BELTS



Duro™ V-belts for operation in explosive areas.

In mining, safety is always the top priority. This also concerns the V-belts dedicated for operation in explosive areas and underground excavations at mining companies.

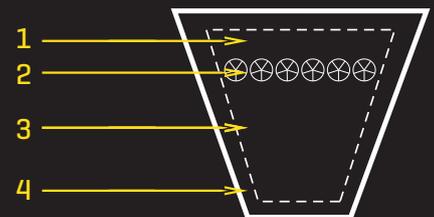
The **Duro™** V-belts manufactured by Sanok RC SA comply with the following standards:

- PN-ISO 4184 „Belt drives. Classical and narrow V-belts. Lengths in datum system”
- Stomil Sanok ZN-78 arkusz 00 „V-belts. Requirements. Methods of inspection and testing.”
- Stomil Sanok ZN-78 arkusz 06 „Conventional and narrow-profiled V-belts **Duro™**.”
- PN-ISO 1081 „Belt drives. V-belts and V-ribbed belts, and corresponding grooved pulleys. Vocabulary”
- ISO 1813 „Belt drives. V-ribbed belts, joined V-belts and V-belts including wide section belts and hexagonal belts. Electrical conductivity of antistatic belts: Characteristics and methods of test”
- PN-EN 1710+A1 „Equipment and components intended for use in potentially explosive atmospheres in underground mines.”
- ISO 2230 „Rubber products. Guidelines for storage”

All processes, including design, production and shipment are carried out in accordance with the Quality Management and the Environmental Management System, which fulfill the requirements of the ISO 9001:2008 process standard, the ISO/TS 16949:2009 specification and the ISO 14001 standard, as confirmed by the certificates issued by TÜV NORD CERT GmbH, Essen and the Polish Centre for Testing and Certification, Warsaw.

NARROW SECTION V-BELTS

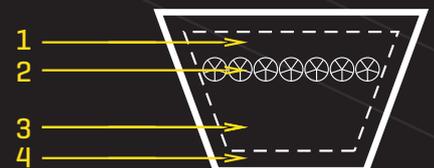
Sections: SPZ; SPA; 13,4x10,7; SPB; SPC



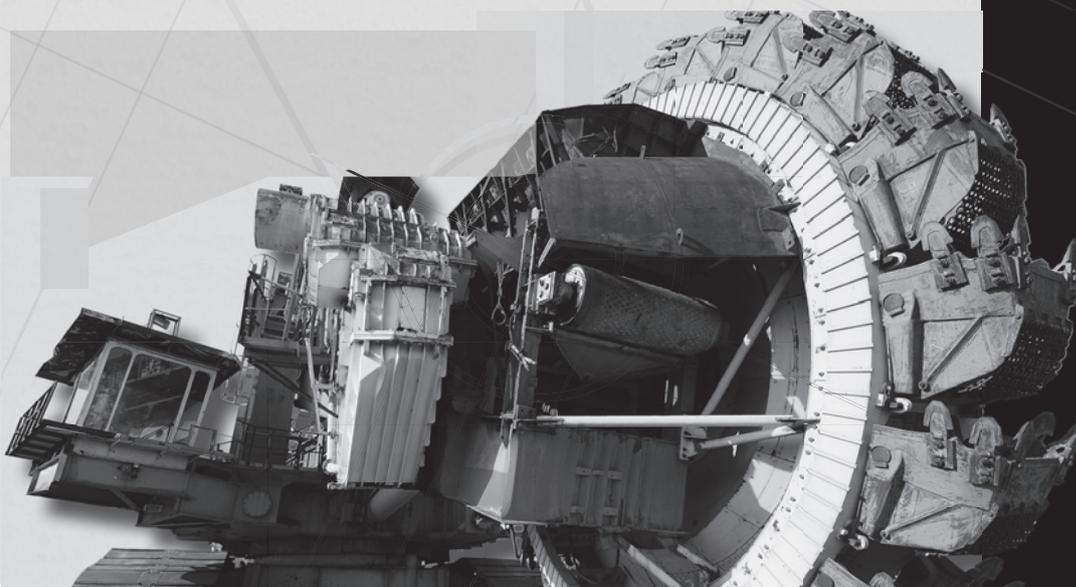
1. rubber cup
2. wire coated tie
3. belt core
4. fabric wrapping

CLASSICAL SECTION V-BELTS

Sections: Z; A; B; 20x12,5; C; 25x16; D; E



1. rubber cup
2. wire coated tie
3. belt core
4. fabric wrapping





Sanok Rubber Company Spółka Akcyjna
 38-500 Sanok, ul. Przemyska 24, tel.: [+48] 13 46 54 444, fax: [+48] 13 46 54 455
 www.sanokrubber.com

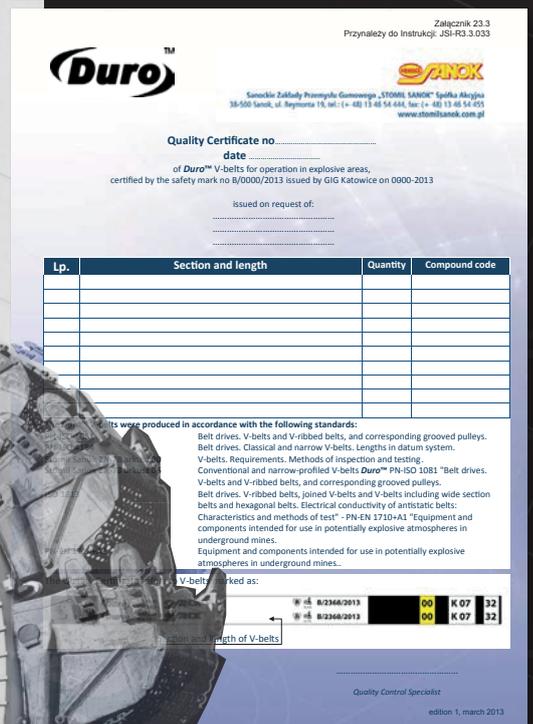
DURO™ V-belts for operation in explosive areas.

After long research, the **DURO™** V-belts produced by "STOMIL SANOK" S.A. have been adapted to the requirements of fire resistance, as well as antistatic, nontoxic and endurance requirements concerning effective cooperation with machines. This is confirmed by the Certificate no. B/2368/2013 of the Central Mining Institute Certification Body.

The **DURO™** V-belts for operation in explosive areas bear special identification.

The V-belts with the **L=L** mark can be used in sets (as a complete package) without the need for any additional length measurements. The V-belts without the mark require special assembly.

On customer's request, the manufacturer can issue the certificate of conformity or the quality certificate.



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Sectional dimensions of the *DURO*TM V-belt manufactured by Sanok RC SA

Section type	Belt section	Datum width Ld [mm]	Approximate dimensions		Draft angle [°]	Range of V-belts lengths Ld [mm]
			Width lo [mm]	Height ho [mm]		
narrow	SPZ	8,5	9,7	8	40° ± 1°	from 537 mm to 3000 mm
	SPA	11	12,7	10		from 732 mm to 5000 mm
	SPB	14	16,3	13		from 1250 mm to 6096 mm
	SPC	19	22	18		from 1750 mm to 10000 mm
	13,4x10,7	11,5	13,4	10,7		from 1240 mm to 3000 mm
classical	Z	8,5	10	6	40° ± 1°	from 500 mm to 3000 mm
	A	11	13	8		from 500 mm to 5000 mm
	B	14	17	11		from 630 mm to 10000 mm
	20x12,5	17	20	12,5		from 1190 mm to 10000 mm
	C	19	22	14		from 1240 mm to 10000 mm
	25x16	21	25	16		from 1300 mm to 10000 mm
	D	27	32	19		from 1900 mm to 10000 mm
E	32	38	23	from 4400 mm to 10000 mm		

*detailed ranges of V-belt production lengths are published in "The V-belts - catalogue, version 1/2017".