 **NewkoBalkan<sup>®</sup> L.L.C**



V-BELTS

ISO 9002

# NewkoBalkan<sup>®</sup> L.L.C

Formerly known as Balkan Belt-Suhareke, Newko Balkan LLC has established in 2005 upon Ozerler Group of companies' purchasing out of privatization. As a rubber industry integrated plant, Newko Balkan LLC constitutes of 6 production units: V-belts, conveyor belts, conveyor belt fabrics, technical rubber parts, rubber compounding, and rubber boots & shoes. Located in Suhareke-Kosovo, Newko Balkan has 155.107 m<sup>2</sup> open area and 58.000 m<sup>2</sup> closed area.

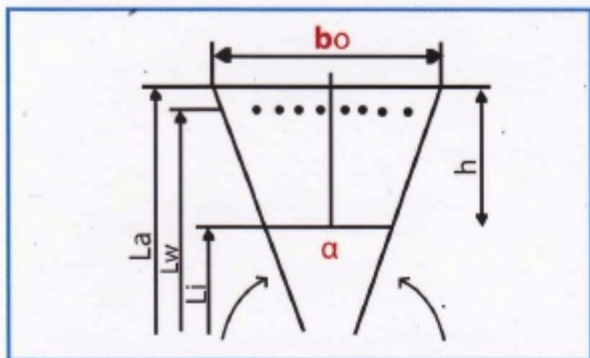
The power transmission achieved by our -V-Belts that ensure our leading position in the region and also puts our company among the significant ones in the world. Newko Balkan LLC stands for several decades of professional experience and high specialization in V-belts production to sustain reliability for best service, integrated production for fast delivery, and high quality for good price. We carry ISO 9001 quality system certificate as a proof of our quality oriented production.

We, Newko Balkan LLC, continuously add value to our products and to differ ourselves in the V-belts market through the technical service and assistance we provide for our customers. We aim to present the most efficient and economic solutions for our customers' needs.

## POWER TRANSMISSION

V-belts are the modern elements of power transmission field. Today's driving mechanisms can not survive without V-belts. We provide the following advantages with our V-belts:

- High power transmission with low energy consumption
- High speed power transmission
- Simple construction of driving mechanism
- Silent and safe operation
- Low installation and maintenance requirements...ect.



## CONSTRUCTION

V- belts are usually made in two versions: mono-cord and multiple cord. The driving and pulling surface of V-belts in the mono-cord version is made as single-layer cable cord. Due to the directional change property and capability, this version is suitable for high speed driving mechanisms, applications with a large number of alternating bends, applications with small diameter pulleys and short axle distances. The pulling part of the V-belts in multiple cord version is made of multiple layer packed cord. This construction is intended for all applications with larger profile V-belts, wherever bigger lengths of V-belts are required, as well as in applications using low speeds.

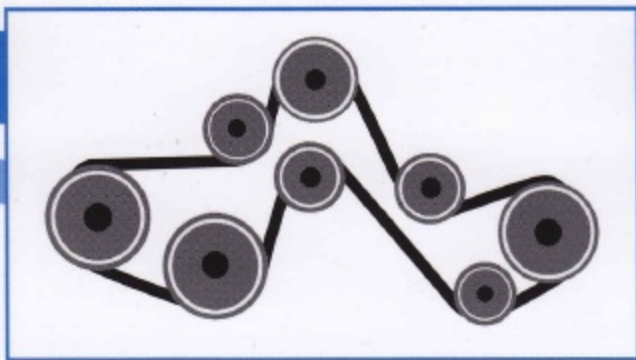
## V- BELTS WITH CONVENTIONAL PROFILES

Standard DIN 2215

Profiles: Y,Z,A,B,C,D,E fully correspond to the recommendations ISO R 52 and R 253. Length measurement: Li= internal length length tolerance the permissible deviations are + 0,5% and -1 % with permissible differences between internal lengths of the same set of V-belts intended for multiple belt power transmission not exceeding 0.25% To order the customer should specify the type of profile of v-belts and the internal length (Li).For multiple belt power transmission application it is necessary to specify the number of V-belts in on set.

PROFILE	bo	h	INTERNAL LENGTHS Li(mm)
-	5	3	160-600
Y	6	4	259-850
-	8	5	315-1600
Z	10	6	290-2800
A	13	8	407-5000
B	17	11	560-7100
-	20	12.5	825-10000
C	22	14	950-125000
-	25	16	1250-14000
D	32	20	2000-19000
E	40	25	3000-11200
-	50	32	4500-20000





## PRODUCTION PROGRAM

## NARROW - PROFILE V-BELTS FOR AUTOMOBILE INDUSTRY

## POWER BAND V-BELTS

- V-belts with conventional profiles;
- Narrow-profile V-belts for industrial applications;
- Narrow-profile V-belts for automobile industry;
- Hexagonal V-belts (duplex);
- Multiple V-belts (power bands);
- Variable V-belts;
- Flat V-belts.
- Upon request we deliver different types and construction of V- belts in accordance with the Customer's specifications.

Standard: DIN 7753 sheet 3.  
 Remark: ISO standard do not refer specifically to those V- belts. Profile 9.5 fits the profile SPZ, respectively 12.5 fits SPA according to DIN standard 7753, sheet 1, respectively G. E2.063.  
 Profiles: 9.5 and 12.5  
 Length measurement:  $L_a$  = external length.

The power band V-belts consist of a set of V-belts of constant lengths, tightly connected by means of the top thread layer.  
 The V-belts are standardized in accordance with ASAE 211.3 and MPTA/RMA standards.

PROFILE		External lengths $L_a$ (mm)
$b_o$	$h$	
9.5	8	500 - 2500
12.5	10	750 - 4500

profile of V-belt	B/HB	C/CH	SPC
width	17	22	22
height	11	14	18

Lengths are labeled at every 25mm. We manufacture the non-listed sizes upon request.

## NARROW-PROFILE V-BELTS FOR INDUSTRIAL USE

## HEXAGONAL V-BELTS (DUPLEX)

## VARIABLE V-BELTS

Standart: DIN 7753 sheet 1  
 Profiles: SPZ, SPA, SPB, SPC fully correspond to the rulings of ISO committee TC-41  
 Length measurement:  $L_w$  = active length.

The hexagonal V-belts with double profile provide an optimum flexibility for the so-called serpentine transmission involving several pulleys, and meet the requirements of standard ASAE S 211.2 and ISO.

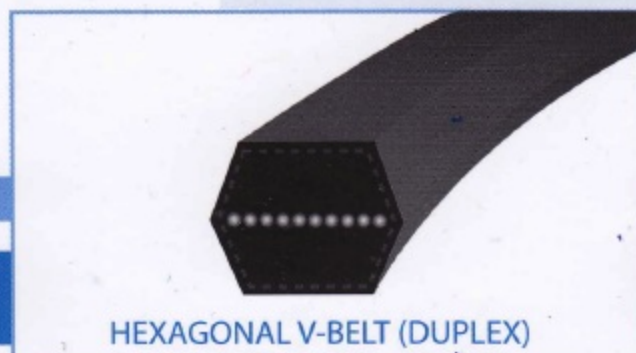
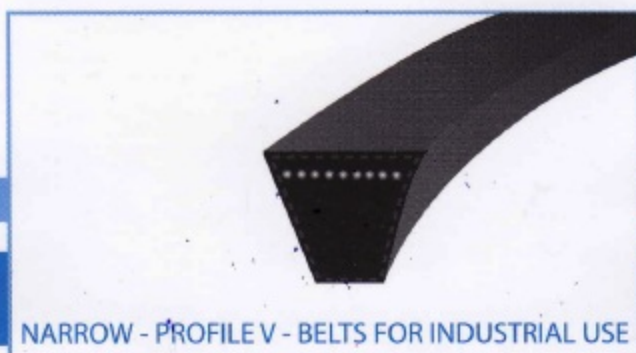
The wide profile variable V-belts are intended for driving power transmission with a continuous change of speed. The belts are manufactured in different profiles and sizes. Profiles , W 20, W31.5, W40, W50, W60, W80 correspond to the recommendations of ISO standards in accordance with the American standard ASAE 212.2. These models are generally used in agricultural machinery and in industrial plants, for power transmission of high power motors with variable and lower speeds.

Profile of V-belt	HAA	HBB	HCC
width	17	22	22
height	11	11	8

Upon customers request we manufacture all lengths exceeding 2000 mm.

Belt profile	W 20	W 31,5	W 40	W 50	W 60	W 80
Upper belt width	20	31,5	40	50	60	80
Belt height	20	31,5	40	50	60	80

PROFILE	$b_o$	$h$	ACTIVE LENGTHS $L_w$ (mm)
SPZ	9.7	8	487-3550
SPA	12.7	10	732-4500
SPB	16.3	13	1250-8000
SPC	22	18	2000-12000



NARROW - PROFILE V - BELTS FOR INDUSTRIAL USE

HEXAGONAL V-BELT (DUPLEX)

VARIABLE V-BELT



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