

EnergyGrip Series



Caterpillar Belts For Haul-off Units

RR Endless

EnergyGrip Series

The Company



The Riva Renzo Company was established in 1981, so it can boast a more than 30 years experience. The Company is manufacturing rubber products and, specifically, endless rubber belts and v-belts for many industrial sectors.

Since the very beginning Riva Renzo has believed in the value of the "endless technology" as the best reply to many industrial requirements. Therefore we developed a proper technology which enables us to supply belts truly endless without any joint or seam that can fulfill at best Customers' requirements as for thickness uniformity, planarity, ability

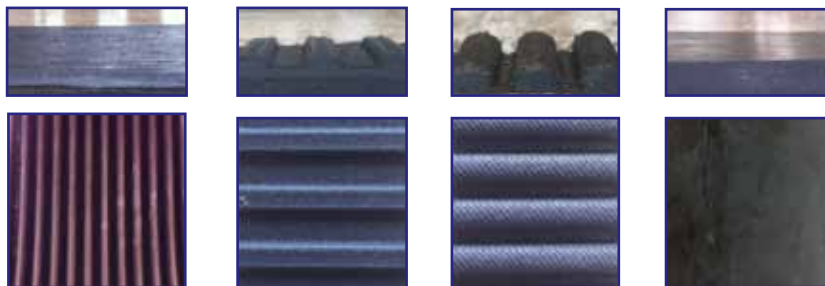
to run on small pulleys diameter, ability to run at high speed, even in critical working conditions such as high pulling force and vertical pressure.

Our Endless Caterpillar belts for haul-off units of wire, cables plastic pipes and profiles represent a core business of our Company and met quite a success on the market. Our belts are available in a wide range of rubber qualities, tensile core strengths and surface executions, in order to fulfill at best any specific applications requirement. We design any belt according to your needs, basing on your own application details.

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Product Characteristics



Tab.1

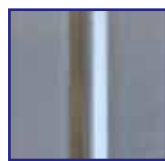
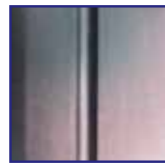
EXAMPLE OF PRODUCT'S CHOICE ACCORDING TO APPLICATION					
	Pipe & Plastic Profiles	Data Cables	Low-Medium Voltage Cables	High Voltage Cables	Submarine Cables
NR 40 GR	x				
NR 50 GR	x				
NR 60 GR	x	x	x		
NR 60 BL		x	x	x	x
NR 70 BL				x	
NR 70 WT			x		
CSM 60 GR	x	x	x		
NR-BR 60 BL	x	x	x		
CTK 500	x	x	x		
CTK 1000	x		x	x	x
CTK 1500				x	x
CTK 2000				x	x
TT				x	
TM					x

Tab.2

ENERGYGRIP CHARACTERISTIC					
Type	Top cover Profile	Bottom Cover	Thickness (mm)	Width (mm)	Length (mm)
EnergyGrip	R1 R6 R7	Smooth, with built-in reinforcement	10 - 70	50 - 500	600 - 22000
V-EnergyGrip		See Tab. 5 Pg. 4	10 - 70	50 - 400	
T-EnergyGrip		See Tab. 6 Pg. 5	10 - 70	25 - 800	

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Special Profiles



R1 Smooth



R6 Notched



R6 + R7
Notched Grooved

Tab.3

RUBBER QUALITY				
	Description	Colour	Hardness Sh/A	Basic Polymer
NR-GR	No-Staining Rubber	Grey	40-50-60	Natural Rubber
NR-BL	Wear Resistant Rubber	Black	60-70	Natural Rubber
NR-WT	No-Staining Rubber	White	70	Natural Rubber
CSM	Heat and oil Resistant Rubber	Grey	60	Chlorosulfonated polyethylene
NR-BR	Wear Resistant Rubber	Black	55	Butadiene Rubber
NBR-NR	Oil Resistant Rubber	Black	75	Nitrile Rubber
VTI	Heat and oil Resistant Rubber	Black	75	Fluoroelastomer

Tab.4

TENSION MEMBER				
	Fiber (Warp)	Fiber (Weft)	Construction	Feature
CTK	Aramid	-	Cord	Tension Member
TT	Polyester	Polyester	Textile	Breaker
TM	Metal	Cotton	Cord	Breaker

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V-EnergyGrip

Product Characteristics



Tab.5

V-ENERGYGRIP SERIES					
Type	Top cover Profile	Size	Pitch (mm)	Tooth Thickness (mm)	Minimum Belt Thickness (mm)
V-EnergyGrip	R1 R6 R7	J	2,35	1,90	6
		L	4,70	4,20	12
		M	9,40	8,00	8

Both EnergyGrip and V-EnergyGrip series belts are mostly manufactured with fabric wrapped edges to prevent fraying and cord extraction.

In case of high vertical pressure, we can add special Reinforcement Fabrics in order to avoid the longitudinal splitting of the belt.

Thanks to our own manufacturing technique, we are able to produce any lenght you need, as we are not tied up to standard poly-V sizes.

Our poly-V belts are not fabricated but produced in a single piece: no glue, no joint, no failure!

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T-EnergyGrip

Product Characteristics



Tab.6

T-ENERGYGRIP SERIES					
Type	Top cover Profile	Size	Pitch (mm)	Tooth Thickness (mm)	Minimum Belt Thickness (mm)
T-EnergyGrip	R1 R6 R7	L	9,525	1,91	6
		H	12,700	2,29	7
		XH	22,225	6,35	13
		5 M	5	2,10	6
		8 M	8	3,40	8
		14 M	14	6,10	12

T-EnergyGrip series belts are manufactured with rubber polymers and ancillary fabric such to meet at best the requirements of the specific application.

The rubber covers are molded on the base by hot vulcanizing raw rubber compound (and not fabricated bonding vulcanized rubber to the base belts).

Once again we are proud to state: no glue, no joint, no failure!

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