

# Power Guard®

Power at its best!



Stone crushers, wood shredders, road grinders, harvesters or drives in pulp and paper production require very compact, heavy-duty drives. In such drives, v-belts have to offer maximum power transmission. SWR V-belts are used reliably in many of these applications.

### **These SWR V-belts now have a name: Power Guard®**

Power Guard® V-belts are made from a high-quality, Polyester or Aramid fiber loaded CR rubber compound. Such high-quality rubber compound must withstand the highest peak loads, which are transferred to the rubber compound by stretch-free Aramid cords.

Due to this special compound, the belt body has a high dimensional stability even at peak loads, which ensures an even load distribution on the belt flanks.

An important effect of this v-belt design is a significantly reduced maintenance level of our Power Guard® V-belts.

Power Guard® V- belts are virtually service free. No regular re-tensioning control, no regular service required.

However, we recommend an occasional visual inspection of belts and pulleys, in accordance with the machine manufacturer's specifications.

Another advantage of using these high-quality rubber compound in Power Guard® V-belts is improved oil resistance and significantly better suitability in drives with high ambient temperatures.



Power Guard® Multibelt in a wood shredder drive.



## Essentials

<b>Design</b>	Fiber loaded Polyester- or Aramid fiber CR compound and Aramid cord cables double wrapping
<b>Benefits</b>	Virtually service free, dimensional form stability, improved oil and heat resistance (-30°C to +80°C)
<b>Standards</b>	ISO5290, RMA IP22, ASAE S211.7, BS3790, ISO1813
<b>Available</b>	Power Guard® V-belts and Power Guard® Multibelt



Power Guard® R-SPC10600 Multibelt running in a stone crusher drive at 42 m/sec.

## Specifications

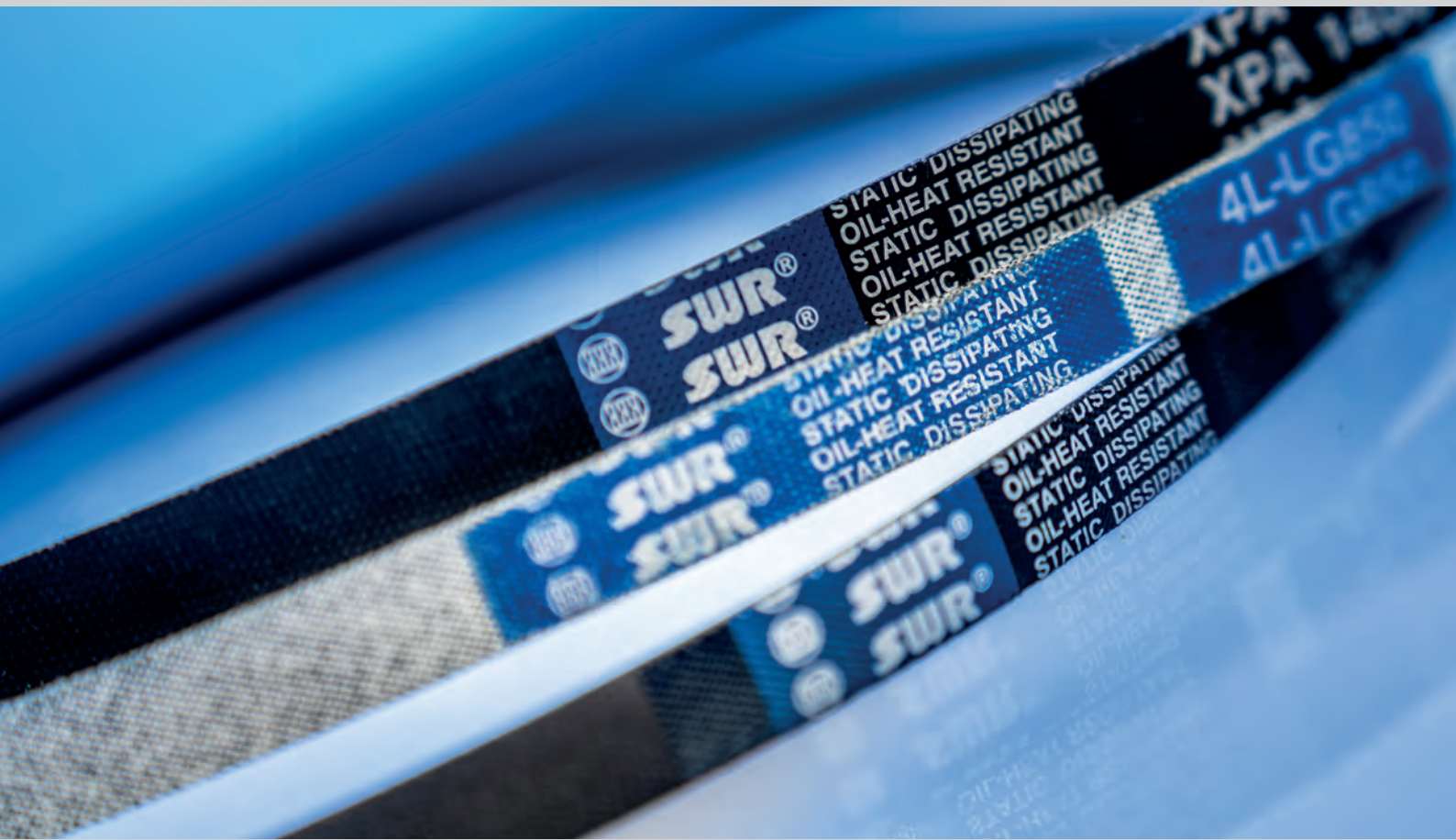
Section	Width	Height	Multibelt rib/pitch mm	Standard length range	Length range inch
SPB	16	13	19.0	2.000-11.430 mm	
5V	16	13	17.5	2.007-15.240 mm	79-600
SPC	22	18	25.5	2.000-15.240 mm	
8V	25	23	28.6	2.540-15.240 mm	100-600
HB	17	11	19.0	2.007-15.240 mm	79-600
HC	22	14	25.5	2.007-15.240 mm	79-600

Other lengths on request.

**Power Guard®**  
Power at its best!

# Perfection into detail

## V-belts for every application



### Your requirements are our benchmark

Our customers see our innovative manufacturing methods with over fifty years of experience in the production of V-belts as the guarantors of constant quality.

No matter what you are planning, with our wide range of belts we will always be able to offer you the perfect solution. The most stringent quality control and the latest production technology ensures that our customers are supplied with high standard products all over the world.



SWR Europe - van Dinther Antriebstechnik GmbH  
Engelbertstr. 17-21  
45892 Gelsenkirchen / Germany

### Quality is the key

SWR is one of the worlds first manufacturers of belting and V-belts whose environmental performance has been certified with the Green Dove, the leading international standard in environmental protection, in accordance with DIN ISO 14001.

Together with its earlier certification under DIN ISO 9002 in 1994 the production in Taiwan is now also certified according to ISO TS 16949. SWR provides impressive proof that a practical combination of environmental awareness and quality management can be successful.

Tel.: +49 209 177 554 20  
Email: [info@swr-europe.de](mailto:info@swr-europe.de)  
Web: [www.swr-europe.de](http://www.swr-europe.de)