

## **NAMIMESH** **Mesh Belt made of PPS**

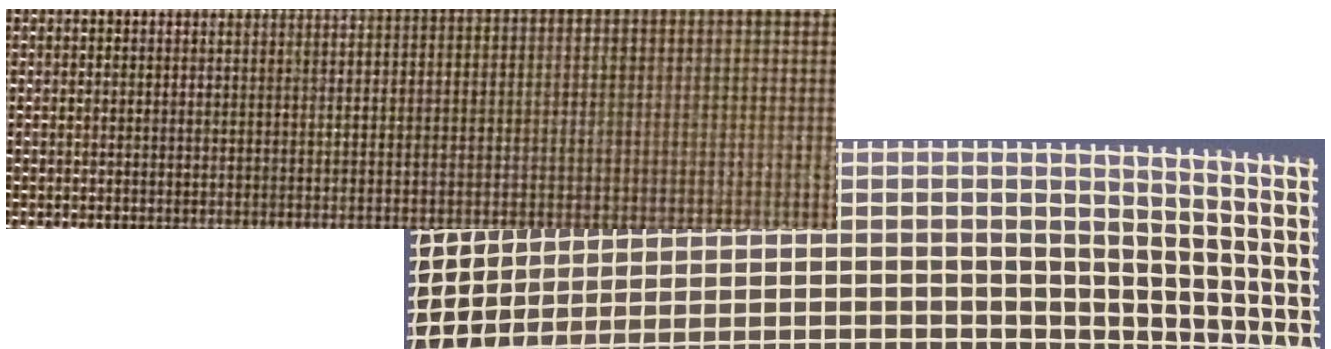


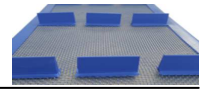
### **Technical Application**

Mesh belts of polyphenylene sulphide (PPS), thermoplastic polymer for high performance. Suitable for use in environments with the following requirements:

- ◆ Chemical resistance
- ◆ Hydrolysis resistance
- ◆ Dimensional stability at high temperatures (up to 190 °C)
- ◆ Corrosion resistance
- ◆ Metal detectable applications

	<b>SHB R140 - S/SKD - 36HYTT</b>	<b>SHB R310 - S/SKD - 55HYTT</b>	<b>SHC— R80 - S/SSF 44</b>
<b>Open Area (%) - mesh size (micron)</b>	36% - 1300	55% - 3000	44% - 800
<b>Admissible tensile Force (elongation &lt;3%) (N/mm)</b>	12	18	-
<b>Elongation at break (%)</b>	40%	12%	-
<b>Maximum tensile strength (N/mm)</b>	60	30	62—93
<b>Total thickness (without edges) (mm)</b>	1.70	1.90	0.75
<b>Weight (gr/mq)</b>	730	560	294.2
<b>Max Width (mm)</b>	3000	3000	3070
<b>Min flex pulley diameter (mm)</b>	80	80	50
<b>Color</b>	canvas	canvas	canvas
<b>Wire diameter (mm)</b>	0.8	1.0	0.4





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### **Sewed Edges for PPS mesh belt**

PPS mesh belts can be finished with sewed edges made of high performance material to work at high temperature as the PPS mesh belt itself. Edges can be made of special compounds of Kevlar + Teflon (see figure A) or in Fiberglass + Teflon (see figure B). The edges are sewed with special wire in Kevlar + Teflon. For special requests please contact our sales department.

	<b>SHC—R80 - S/SSF 44KV</b>	<b>SHC—R80 - S/SSF 44VTF</b>
<b>Open Area (%) - mesh size (micron)</b>	44% - 800	44% - 800
<b>Edge Type</b>	Kevlar+ Teflon sewed	Teflon+ Fiberglass sewed
<b>Maximum tensile strength (N/mm)</b>	62—93	62—93
<b>Total thickness (without edges) (mm)</b>	0.75	0.75
<b>Weight (gr/mq)</b>	294.2	294.2
<b>Max Width (mm)</b>	3070	3070
<b>Min flex pulley diameter (mm)</b>	50	50
<b>Color</b>	canvas	canvas
<b>Wire diameter (mm)</b>	0.4	0.4

