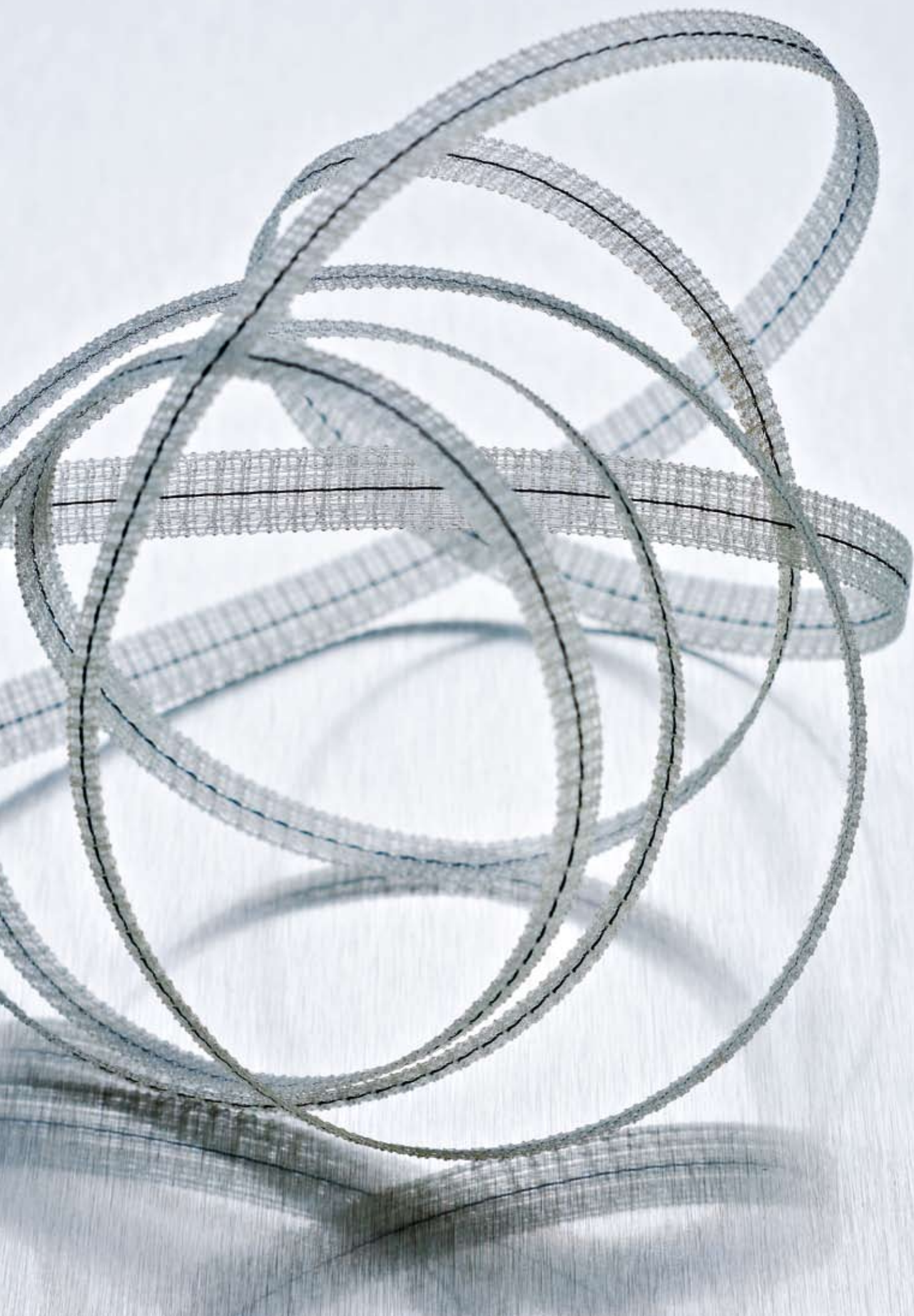


THE STATE OF THE ART

WBT Garniture and Suction Tapes







WBT GARNITURE AND SUCTION TAPES

WBT, World Best Technologies manufactures premium quality and excellent cost-effective Endless Garniture Tapes and Suction Tapes focused on and specialized mainly for the Tobacco and Filter Rod industries. Our Scientists developed the state of the art WBT Endless Garniture Tapes and Suction Tapes used in the Tobacco and Filter Rod industries for:

- ▶ **CIGARETTES PRODUCTION**
- ▶ **FILTER RODS PRODUCTION**

The breakthrough technologies of WBT Endless Garniture Tapes and Suction Tapes provide the Tobacco and Filter Rod industries the ability to manufacture high demand premium quality cigarettes and filter rods as well as to reduce their manufacturing cost through our knowledge of quality, type and characteristic of the raw materials to achieve high tensile strength, temperature resistance, abrasion resistance, stability and excellent running properties.

The raw materials used for WBT Garniture Tapes range from:

- ▶ **NATURAL FIBERS, LINEN**
- ▶ **SYNTHETIC FIBERS, ARAMIDE**
- ▶ **THE MIXTURE OF NATURAL AND SYNTHETIC FIBERS**

To ensure the tobacco and filter rod industries meet the requirements of durability and dynamic performance, WBT Endless Garniture Tapes are classified into the following categories with different thickness and different surface treatments:

- ▶ **THICKNESS RANGE: 0.5 MM TO 1.0 MM**

▶ **SURFACE TREATMENTS:**

- ▶ **UNCOATED**
- ▶ **CENTER COATED**
- ▶ **WHOLE COATED**

The thickness and types of coating on the Endless Garniture Tapes depend on the type of the tobacco and paper used in the process to optimize the coefficient of friction between the paper and the Garniture Tapes.

The raw materials used for WBT Suction Tapes are synthetic fibers ranging from:

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- ▶ **POLYESTER**
 - ▶ **POLYAMIDE**
 - ▶ **PEEK**

To meet the requirements of characteristics and physical properties of very rough, very fine or no flavor, mild flavored to highly flavored tobacco blend, WBT Suction Tapes are classified into the following categories with different thickness and different surface structures:

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- ▶ **THICKNESS RANGE: 0.5 MM TO 1.0 MM**

▶ **SURFACE STRUCTURES:**

- ▶ **BOTH SIDES SMOOTH**
- ▶ **ONE SIDE SMOOTH / ONE SIDE ROUGH**
- ▶ **BOTH SIDES ROUGH**

The thickness and different type of surface structures of WBT Suction Tapes depend on the air throughput values of the tobacco blend used for the process.



SPECIFICATIONS

Wide selections of size, material and type of WBT Endless Garniture Tapes and Suction Tapes are suitable for various machines used in the production of cigarettes and filter rods. We can custom-make the Garniture Tapes and Suction Tapes based on length, width, thickness, surface treatments and surface structures requirements for specific and unique applications.

PARAMETER	GARNITURE TAPES	SUCTION TAPES
Size: Length Width Thickness	1500 mm – 6000 mm 8.0 mm – 30.0 mm 0.5 mm – 1.0 mm	700 mm – 10,000 mm 4.0 mm – 60.0 mm 0.5 mm – 1.0 mm
Material	Linen, Aramide or mixture of Linen and Aramide	Polyester, Polyamide or Peek
Type	Uncoated, Centre Coated or Whole Coated	Both sides Smooth, One side Smooth / one side Rough or Both sides Rough
Breaking Strength/cm tape width	1500 N – 2500 N	500 N – 2000 N
Elongation of endless tape at 150N /cm	0.5 % – 1.2 %	3.0 % – 6.0 %
Temperature Resistance	120°C – 230°C	60°C – 90°C
Abrasion Resistance	Excellent	Excellent

TOLERANCE

Quality, consistency and reliability are our commitment to all customers. Every single Garniture and Suction Tape undergoes precise testing for running properties and is inspected by our Quality Control and Quality Assurance Teams. WBT Endless Garniture Tapes and Suction Tapes are 100 % inspected prior to dispatch.

PARAMETER	GARNITURE TAPES	SUCTION TAPES
Length (mm)	-3 / +8	-3 / +12
Width (mm)	-0.3 / +0.2	-0.3 / +0.2
Thickness (mm)	-0.02 / +0.04	-0.02 / +0.05



APPLICATIONS

We have in stock common sizes and types of the Endless Garniture Tapes and Suction Tapes suitable for all types of machines of Low, Medium and High Speed.

MANUFACTURER	MACHINE TYPE	WBT GARNITURE AND SUCTION TAPES	
		CIGARETTES	FILTER RODS
MOLINS	Mark 5, Mark 6, Mark 8, Mark 8D, Mark 8K, Mark 9, Mark 9-5, Mark 10	●	
	PASSIM, PASSIM 8K / 10K	●	
	PM 4, PM 5		●
HAUNI	Garant 1, Garant 1B, Garant 3, Garant 4	●	
	Protos 2, Protos 2 / P 2-2, Protos 1/8, Protos 70, Protos 80, Protos 90, Protos 90E, Protos 90S, Protos 100	●	
	KDF 1, KDF 2, KDF 3, KDF 4		●
DECOUFLE	LOF 2000, LOF 2500 , LOF 3000, LOF 3000S	●	
	LOG	●	
	LOGA 1, LOGA 2, LOGA 3D	●	
GD	GD 1-2- 1, GD 1-2- 1 Plus	●	
SASIB	SASIB	●	
	Sigma	●	
	Ypsilon	●	
	CS 9	●	
	AMF 1 - 90	●	
	FR 4		●

WB T AROUND THE W ORLD

Our global network provides services and technical supports to customers around the world.



REGIONAL SALES OFFICE

World Best Technologies Pte Ltd.

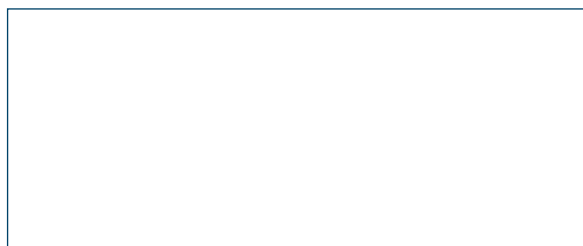
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DISTRI BUTOR



In line with its policy of continuous improvement World Best Technologies Pte Ltd reserves the right to revise published specifications, technical information and details of the products without prior notice.

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