



### **Special Products**

We can provide belts with cleats in PE and HY as well as products with sealed edges, to protect the belt in direct contact with contaminating elements which may create safety problems.

To complete our range of products for the tobacco industry, we supply skirt boards and side-skirts in Polyolefine or HY.

All belts can be supplied endless or joined on site by our personnel.

### **Safety first**

Sampla Belting provides a range of hi-tech polyolefine and Hytrel® belts for tobacco conveying compliant with all tobacco manufacturers specifications in terms of safety and reliability.

The supreme safety characteristics of the polyethylene & Hytrel® ensure a superior quality finished tobacco product reaching the world standards.

Applications where tobacco is in contact with the belting product are always critical, and Sampla Belting worked hard to meet these specific requirements. That is why we produce belts with superior wear resistance and double covers. These ensure maximum safety and protection of the textile nucleus in addition to increasing the belt life.



From picking lines, product weighing, leaf and bale conveying and inclined conveyors, we can provide solutions for every step of the process where belts are involved. Silo belts up to 5 metres wide can be easily supplied.

### **Line**

The conveying of packaged products or finished cigarettes is naturally also an important part of the process.

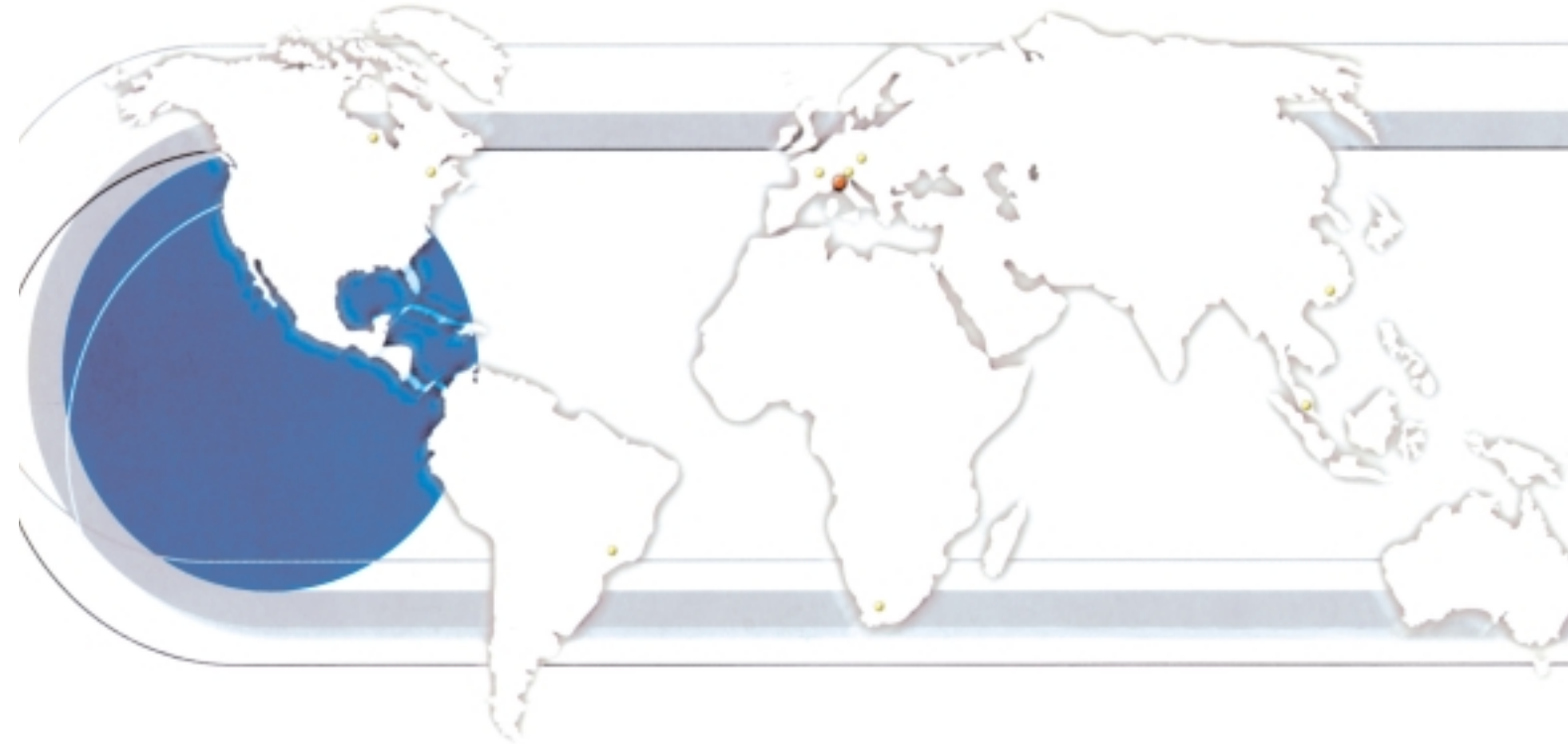
Sampla Belting can provide a range of FDA approved belting for this specific need.

We are able to design and produce special belts to fulfill your production requirements at any time: just contact our technical department in Italy or through our worldwide branch and distributors network.



HEAD OFFICE - FACTORY:  
**Sampla Belting S.r.l.**  
 20041 AGRATE BRIANZA - (MI) - Italy  
 Via Delle Industrie, 6/12  
 Tel. ++39 039 68 96 0.1 - Fax ++39 039 65 08 46/60 57 428  
 E-mail: info@samplabelting.it - www.samplabelting.it

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**Sampla Belting Marghera**  
 30125 MARGHERA - VE - Italy  
 Via Portenari, 13  
 Tel. ++39 041 92 93 67/92 93 42  
 Fax ++39 041 93 22 89  
 E-mail: samplave@libero.it

**Sampla Belting Canada LTD**  
 274 Alliance Road, Unit # 2, 3 & 4  
 MILTON - ONTARIO - L9T3V2  
 Tel. ++905 878 05 32 - Fax ++905 878 01 07  
 E-mail: Samplacanada@stn.net  
 samplana@samplabelting.us  
 URL: www.samplabelting.us

**Sampla Belting North America LLC**  
 40, Center Drive, Orchard Park  
 NY 14127 - U.S.A.  
 Tel. ++1 716 66 77 450; ++1 888 75 57 450  
 Fax ++1 716 66 77 428; ++1 888 32 47 428  
 E-mail: samplana@pcom.net  
 samplana@samplabelting.us  
 URL: www.samplabelting.us

**Sampla Belting South Africa (PTY) LTD**  
 Unit 10, Southern Industrial Village  
 Kya Sands 2 Corner Elsecar & Bernie streets,  
 RANDBURG - SOUTH AFRICA  
 Tel. ++27 11 70 82 348  
 Fax ++27 11 70 81 027  
 E-mail: sampla@samplabelting-sa.com

**Sampla Belting Foshan Co. LTD**  
 No. 3 Factory Building -  
 High Technical Industry Zone  
 FOSHAN - GUANGDONG  
 PEOPLE REPUBLIC OF CHINA  
 Tel. ++86 757 838 16 413/423/463/568  
 Fax ++86 757 838 16 493  
 E-mail: fsamp@pub.foshan.gd.cn

**Sampla Belting Singapore PTE LTD**  
 34, Lorong Paya Lebar  
 SINGAPORE 536332  
 Tel. ++65 33 73 472 / 3  
 Fax ++65 33 73 438  
 E-mail: sampla@mbox3.singnet.com.sg

**Sampla Belting Asia Pacific PTE LTD**  
 2, Kallang Avenue #01-10  
 Kallang Bahru Complex  
 Singapore 339407  
 Tel: ++65 62 98 066  
 Fax: ++65 62 98 69 90  
 E-mail: andrew@samplaasia.com.sg

**Sampla Manutention**  
 8 Rue de La Grande Borne  
 77990 LE MESNIL AMELOT - FRANCE  
 Tel. 33.160.030305 - Fax 33.160.030163  
 E-mail: sampla@club-internet.fr

**Sampla Do Brasil**  
 07140-901 Guarulhos  
 SAN PAOLO - BRASIL  
 Rua Pedro de Toledo, 175/225  
 Tel. ++55 11 64 02 / 30 22  
 Fax ++55 11 64 02 38 08  
 E-mail: sampla@sampla.com.br

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 All data are subject to changes without prior notice





# CONVEYOR BELTS for TOBACCO INDUSTRY



## Experience counts

As a brief introduction. Sampla Belting brings over 50 years experience in PVC, PU, PE, HY and plastic conveyor belting to underline its position as a leader in the belting industry.

Our experience and knowledge, gained in conjunction with valuable support from all major machine manufacturers, has allowed us to develop one of the most focused production ranges of conveyor belting for various industries such as tobacco processing and cigarette production.

Sampla Belting is very aware of market demands and technological development, constantly updating its products to meet new requirements, with the tobacco industry being no exception.

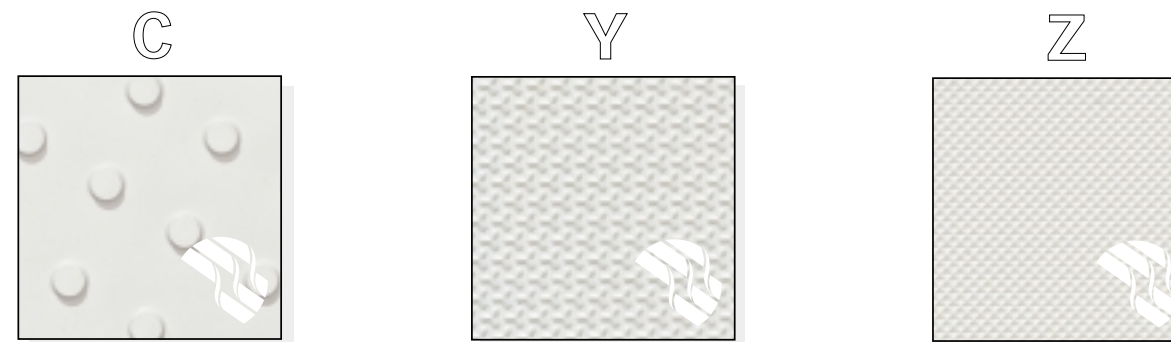
## BELT CHARACTERISTICS

SERIES	TYPE	CARRYING COVER				GENERAL CHARACTERISTICS																	
		THICKNESS	HARDNESS	COLOUR	POSSIBLE STRUCTURES	No OF PLYS	WEFT	MAX PRODUCTION WIDTH		ANTISTATICITY	TOTAL THICKNESS		MASS		PULL PER 1%		WORKING TEMPERATURE RANGE		MINIMAL ROLLER DIAMETERS				
		[mm]	[in]	[°ShA]				[mm]	[in]		[mm]	[in]	[kg/m²]	[lb/ft²]	[da N/cm]	[lbf/in]	[°C]	[°F]	[mm]		[in]		
<b>POLYOLEFIN COVERS RECOMMENDED FOR GENERAL CONVEYING OF TOBACCO</b>																							
V	V23	0,6	0,024	92	TRANSPARENT	A N V Z	2	F	3000	118	NO	2,4	0,094	2,3	0,47	16	91,4	-20 +70	-4 +158	80	100	3,1	3,9
	V23/05.05/Z	0,5	0,020	92	TRANSPARENT	-	2	F	3000	118	NO	3,1	0,122	2,6	0,53	16	91,4	-20 +70	-4 +158	120	120	4,7	4,7
	V23/C	3,6	0,142	92	TRANSPARENT	-	2	F	3000	118	NO	5,5	0,217	2,6	0,53	16	91,4	-20 +70	-4 +158	80	120	3,1	4,7
	V23/C/05/Z	3,5	0,138	92	TRANSPARENT	-	2	F	3000	118	NO	6,35	0,250	3,45	0,71	16	91,4	-20 +70	-4 +158	120	120	4,7	4,7
	V23/Y	1,2	0,047	92	TRANSPARENT	-	2	F	3000	118	NO	3	0,118	2,3	0,47	16	91,4	-20 +70	-4 +158	80	120	3,1	4,7
	V33	0,6	0,024	92	TRANSPARENT	A N V Z	3	F	3000	118	NO	3,5	0,138	3,0	0,61	20	114,2	-20 +70	-4 +158	120	150	4,7	5,9
	H95	-	-	-	TRANSPARENT	-	-	-	95	4	NO	1,70	0,067	1,45	0,30	-	-	-20 +60	-4 +140	-	-	-	-
PL5	0,25	0,010	86	TRANSPARENT	-	1	F	850	33	NO	1,0	0,039	1,0	0,20	3	17,1	-30 +80	-22 +176	30	30	1,2	1,2	
<b>HYTREL® COVERS RECOMMENDED FOR USE IN DEMANDING APPLICATIONS WITH HIGH ABRASION, HIGH TEMPERATURE AND HUMIDITY</b>																							
HY	HY5*	0,5	0,020	92	TRANSPARENT	-	1	R	3000	118	NO	1,1	0,043	1,0	0,20	5	28,6	-10+110	14 +230	40	60	1,6	2,4
	HY20/05.0	0,5	0,020	92	TRANSPARENT	-	2	R	3000	118	NO	2,0	0,079	2,0	0,41	13	74,2	-10+110	14 +230	80	100	3,1	3,9
	HY20/C	3,8	0,150	92	TRANSPARENT	-	2	R	3000	118	NO	5,5	0,217	2,9	0,59	13	74,2	-10+110	14 +230	100	120	3,9	4,7
	HY20/Y*	1,2	0,047	92	TRANSPARENT	-	2	R	3000	118	NO	2,8	0,11	2,0	0,4	13	74,23	-10+110	14 +230	80	120	3,1	4,7
	HY30/05.0*	0,5	0,020	92	TRANSPARENT	-	3	R	3000	118	NO	3,0	0,118	3,3	0,68	18	102,8	-10+110	14 +230	150	200	5,9	7,9

LEGEND: \* PRODUCTION ON REQUEST

F=FLEXIBLE - R=RIGID

## BELT STRUCTURES



**Polyolefin belts**  
1/2/3 plies polyester belts with double and single atoxic polyolefin cover according to FDA norms. C, Y structures on top side and Z structure on bottom side.

**HY belts**  
1/2/3 plies polyester belts with single atoxic Hytrel® cover according to FDA norms. C, Y structures on top side.

## BELT CHARACTERISTICS

TYPE	APPLICATIONS
<b>POLYOLEFIN COVERS recommended for general conveying of tobacco</b>	
V23	2 ply belt for general use on horizontal and low incline conveyors and for use in silos
V23/05.05/Z	2 ply belt with double cover for general use on horizontal and low incline conveyors and for use in silos
V23/C	2 ply belt with "C" (button top) profile for general use on high incline conveyors
V23/C/05/Z	2 ply belt with double cover and "C" (button top) profile for general use on high incline conveyors
V23/Y	2 ply belt with a low and easy to clean "Y" shaped profile for low incline conveying in primary processing
V33	3 ply belt for general and heavy duty applications.
H95	Extruded polyolefin selvage / skirting
PL5	Double cover extruded polyolefin selvage / skirting reinforced with polyester fabric.
<b>HYTREL® COVERS recommended for use in demanding applications with high abrasion, high temperature and humidity</b>	
HY5*	1 ply Hytrel® (Polyester) belt for use on horizontal and low incline conveyors. Use in demanding applications with high abrasion, high temperature and humidity.
HY20/05.0	2 ply Hytrel® (Polyester) belt for use on horizontal and low incline conveyors. Use in demanding applications with high abrasion, high temperature and humidity.
HY20/C	2 ply Hytrel® (Polyester) belt with "C" (button top) profile for use on high incline conveyors. Use in demanding applications with high abrasion, high temperature and humidity.
HY20/Y*	2 ply Hytrel® (Polyester) belt with a low and easy to clean "Y" shaped profile for use on low incline conveyors. Use in demanding applications with high abrasion, high temperature and humidity.
HY30/05.0	3 ply Hytrel® (Polyester) belt for use on horizontal conveyors. Use in demanding applications with high abrasion, high temperature and humidity.