

## Belting for Wide Belt Sanders

Rainbow Rubber & Plastics, Inc. is a leading supplier of truly endless belting and rubber accessories for the North American market. Specializing in high wear applications, Rainbow supplies a range of products for the woodworking industry. Working closely with end users and original equipment manufacturers, our family of industry specific rubber compounds have been proven in durability and reliability. For over 50 years Rainbow has been the leading supplier of original equipment and replacement belting for wide belt sanding, brushing, and planing machines.

## Applications

Our woodworking belts are truly endless for the conveying and feeding on wide-belt sanding, brushing, or planing equipment. Rainbow belts use natural rubber compounds that ensure the board does not slip or pull, avoiding damaged product and helping to prevent operating hazards.

Wide-belt sanding equipment can be found in the production of:

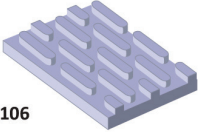
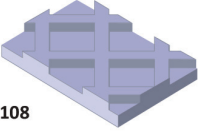
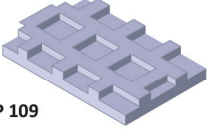
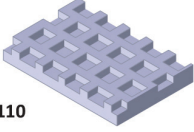
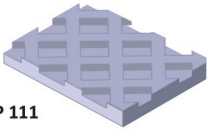
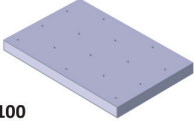
- Hardwood floors
- Cabinetry
- Finishing
- Edgebanding



### Advantages:

- **Truly Endless: No seam or splice**
- **Rubber compounds designed specifically for the woodworking industry**
- **Fabric designed to eliminate edge curl**
- **Flexible around small pulleys**

## TECHNICAL DATA

STANDARD TOP PROFILE							
Denomination	Dimensions					% Land/void	Characteristics and applications <sup>2</sup>
	I	L	X	i	P		
 SP 106	25	5	4	5	10	40/60 3360 ribs/m <sup>2</sup>	Suitable for wide-belt sanding. Excellent grip on materials and low strain strength.
 SP 108	20	20	4	8	40	49/51 1275 cells/m <sup>2</sup>	High resistance to deformation. High grip on material and excellent for machines using vacuum systems.
 SP 109	15	15	4	7	22	49/51 2220 cells/m <sup>2</sup>	Alternative for SP 108, but with a greater land percentage. Better strain strength and calibrating accuracy.
 SP 110	10	10	4	5	15	49/51 5100 cells/m <sup>2</sup>	Alternative for SP 107. Higher grip on material due to higher land surface.
 SP 111	12	12	3	7	24	60/40 2770 cells/m <sup>2</sup>	Alternative for SP 108 and SP 109. Higher calibrating precision and good grip. Suitable for vacuum systems.
 SP 100	-	-	-	-	-	-	Ground, smooth surface. Used for working on material less than 0.5 mm thickness. (Veneer Sanding)

I = Width    L = Length    X = Height    i = Gap    p = Pitch (All Values in mm)

STANDARD RUBBER COVERS			
Denomination	Color	Hardness °ShA (±5)	Recommended <sup>2</sup> applications and characteristics
CB	GREY	40, 50, 60, 70	General purpose. Excellent impact strength and tear resistance. Easily resurfaced. Excellent grip to prevent slippage.
CS	BLACK	57	Anti-static rubber. Resists accumulation of dust and static charge from material being sanded.

SPECIAL RUBBER COVERS			
Denomination	Color	Hardness °ShA (±5)	Recommended <sup>2</sup> applications and characteristics
HB	WHITE	65	HYPALON rubber: oil, chemical, wear and high heat resistance.
PA	GREY	40, 50, 60	Super grip and tear resistance.
NC/NCB	BLACK/WHITE	65	NITRILE rubber: very good oil and abrasion resistance.