



# INTRALOX S10000 BELTING: OUR TOUGHEST FOR YOUR TOUGHEST

Intralox® Series 10000 belting is a robust, heavy-duty solution that can be tailored to meet your electric vehicle (EV) and battery conveyors’ specific challenges. Offered both in electrically conductive and insulated materials—along with several styles and accessories—it brings the highest standard rated capacity of any modular plastic belting (MPB) to your operation. That combined with its easy maintenance makes S10000 the strongest, most reliable belt in its class.

## Increase Belt Life by 21%

At 35.66 mm thick, S10000 belting is 5 mm thicker than the next-strongest MPB and uses a rod 2.7 mm thicker—an improvement of 22% and 27%, respectively. While thicker components contribute to S10000’s strength, one must evaluate the thickness between the bottom of the rod and the bottom of the belt to fully determine a belt’s wear life. Comparing S10000 belting against its leading competitor in this respect shows an expected 21% increase in predicted belt life when using S10000.

	S10000	Next-strongest Belt	Difference
<b>Total Thickness</b>	36.66 mm	30 mm	22%
<b>Rod Diameter</b>	12.7 mm	10 mm	27%
<b>Distance Between Rod and Bottom</b>	11.45 mm	10 mm	15%
<b>Wearable Distance (after subtracting 3-mm safety margin)</b>	<b>8.45 mm</b>	<b>7 mm</b>	<b>+21%</b>

Available S10000 Configurations			
Style	Material	Strength (lb/ft)	Strength (kg/m)
<b>Flat Top</b>	Acetal	10,000	14,882
	High-Strength Electrically Conductive (HSEC) Acetal*	8,000	11,905
<b>Mold to Width Flat Top</b>	Acetal (3.9 in width)	2,500	3,720
	Acetal (7.9 in width)	5,800	8,631
	HSEC Acetal (3.9 in width)	2,000	2,976
	HSEC Acetal (7.9 in width)	4,700	6,994
<b>Non Skid Raised Rib</b>	HSEC Acetal	8,000	11,905
<b>Non Skid Perforated</b>	Acetal	10,000	14,882
	HSEC Acetal	8,000	11,905

\*Features a surface resistance of 10<sup>5</sup> ohms per square

To learn more about our S10000 belting, [contact Intralox Customer Service.](#)