

PK BELT MATERIAL ENHANCES FOOD SAFETY

Reduce nonmechanical belt breakage and minimize foreign material risk with Intralox® PK.* Developed for direct food contact applications, PK (Polyketone) is a robust, high-performance material that is more impact, chemical, and abrasion resistant than acetal.



Better able to withstand the rigors of food processing—including belt removal/reinstallation, conveyor design challenges, and chemical usage during processing and sanitation—Intralox PK will reduce nonmechanical belt-related foreign material risk in your facility.

Features and Benefits

(compared to acetal)

- **More chemically resistant to acids and bases**
- **Three times the impact resistance at 40°F (4°C) and higher**
- **Better product release and wear resistance**
- **12% lighter weight**
- **Same belt pull rating**
- **Functions over a full temperature range from -40°F to 200°F (-40°C to 93°C)**
- **FDA and EU compliant**

PK Belt Data							
Series	Style	Belt Strength		Temperature Range (continuous)		Belt Weight	
		lb/ft	kg/m	°F	°C	lb/sq ft	kg/sq m
560	Flat Top	300	450	-40 to 200	-40 to 93	0.85	4.15
560	Flush Grid	200	300	-40 to 200	-40 to 93	0.71	3.47
800	Open Hinge Flat Top	900	1,340	-40 to 200	-40 to 93	2.22	10.84
800	Open Hinge Flat Top Heavy-Duty Edge	900	1,340	-40 to 200	-40 to 93	2.18	10.6
800	Perforated Flat Top 11/32 in Round Hole Heavy-Duty Edge	900	1,340	-40 to 200	-40 to 93	2.42	11.8
800	SeamFree™ Nub Top with Flights	900	1,340	-40 to 200	-40 to 93	2.46	12.01
1100	Flush Grid	1,300	1,935	-40 to 200	-40 to 93	1.04	5.08
1100	Flat Top	1,000	1,490	-40 to 200	-40 to 93	1.14	5.57
1800	Flat Top	1,200	1,786	-40 to 200	-40 to 93	3.36	16.41
1600	Open Hinge Flat Top	1,000	1,490	-40 to 200	-40 to 93	1.39	6.79
1600	Raised Open Grid	800	1,190	-40 to 200	-40 to 93	1.16	5.67
2400	Radius Flush Grid (2.2) Heavy-Duty Edge	1,700	2,530	-40 to 200	-40 to 93	1.4	6.84
2400	Radius Flush Grid High Deck	1,700	2,530	-40 to 200	-40 to 93	2.49	12.2
2400	Tight Turning	600	893	-40 to 200	-40 to 93	1.73	8.44

*Specks and color swirls may occur in PK belting but do not affect performance.

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