



Quiet Low-Noise Conveyor Belting



Belt Concepts of America is proud to announce the launch of an expanded line of low-noise conveyor belts made on a needled felt polyester base. These belts are specifically engineered to reduce noise in high-speed applications, enhancing safety and comfort in work environments like parcel and distribution centers. They adhere to industry standards for static dissipation (ISO 284) and fire retardancy (ASTM D378 / ISO 340).

Key Features and Applications:

- **Noise Reduction:** Designed for noise-sensitive industries including distribution centers, parcel sorting, and luggage handling, these polymer-impregnated belts are perfect for high-speed horizontal conveyors, inclines, declines, stackers, feeders, and sorters.
- **Robust Construction:** Featuring a needled polyester carcass with balanced S & Z twists in the scrim reinforcement, these belts offer superior tracking, flexibility, and fastener retention
- **Edge Strength & Durability:** With excellent edge integrity and dimensional stability, these belts resist elongation, making belt joining straightforward and effective.
- **Resistance to Impact & Cuts:** the non-woven, needled construction provides a surface that is durable against impacts and cuts while also preventing fraying and ply separation, two issues seen with traditional plied conveyor belting constructions.
- **Customization Options:** Available with different types including smooth, basket weave, longitudinal groove, along with various friction coefficients to meet the specific needs of diverse applications.



Technical Data For the Most Common Specs*

Technical Data									
Material Description	Working Tension	Number Of Plies	Overall Gauge In.	Overall Gauge MM	Weight (Approx) lbs/sq ft.	Weight (Approx) kg/sqm	Elongation At Rated Tension	Color	Max Width In/MM
PKG 110N1 GLB	110 PIW	1	0.145	3.68	0.72	3.49	<2.0%	Grey	84/2135
PKG 110N1 IPFB	110 PIW	1	0.145	3.68	0.72	3.49	<2.0%	Grey	84/2135
PKG 110N1 R3FB	110 PIW	1	0.240	6.18	0.97	4.73	<2.0%	Grey	84/2135
PKG 120N1 BBB	120 PIW	1	0.110	2.80	0.64	3.12	<2.0%	Grey	84/2135
PKG 120N1 FBB	120 PIW	1	0.110	2.80	0.64	3.12	<2.0%	Grey	84/2135
PKG 120N1 GFB	120 PIW	1	0.152	3.85	0.75	3.66	<2.0%	Grey	84/2135
PKG 120N1 HFB	120 PIW	1	0.152	3.85	0.75	3.66	<2.0%	Grey	84/2135

**Check technical data sheet for latest information*

Belt Concepts of America's needled felt belts represent an excellent choice for those aiming to reduce noise without compromising on performance or durability in challenging environments. This new offering adds to our wide array of products designed for distribution and parcel sorting facilities.

Common Profiles Available



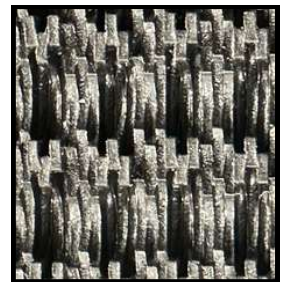
G- Longitudinal Groove



IP - Large Pebble



H - Basket Weave



R3 - Rough Top

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