



Invention & Innovation
NITTA

NITTA BELTING FOR *Distribution Centers...*



THE NITTA ADVANTAGE

Nitta Corporation of America offers a wide range of belting solutions for the different types of conveying systems and equipment found in distribution centers. With hundreds of possible configurations available, Nitta can match almost any customer's requirements.

Nitta belts are time-tested and have been proven to outperform the competition. These high-quality specifications result in longer life and better return on investment.

Wherever belting is needed for transport, material handling, power transmission, or processing functions, Nitta offers an innovative solution to meet the customer's needs.

...Moves the Line and Improves the Bottom Line

Carryflex™ CFTG-18SG FOR LIVE ROLLER APPLICATIONS

- Laminated polyurethane belt reinforced with aramid fiber cords, specially constructed for long life and quiet operation. Reduced elongation, runs true and straight.
- Extruded with integral v-guide, for long lengths with single splice and greatly reduced v-guide separation and belt delamination. Capped edges greatly reduce likelihood of edge fray.
- Finger spliced, quick-melt process (no adhesives) for reduced splice failure.

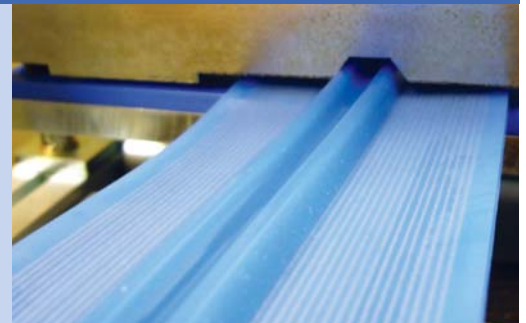
Carryflex™ FLAT BELTING

- Laminated polyurethane belt reinforced with aramid fiber cords, specially constructed for long life and quiet operation.
- Features a high friction top layer that contacts the carrier rollers.
- Extruded, rather than slab construction, so very long lengths still have only one splice.
- Finger spliced, quick-melt process (no adhesives).

PolyBelt™

- Strong nylon core of a power transmission belt, but with an uncovered pulley side for use over slider beds. Well-suited for shock load situations.
- Best abrasion-resistant covers in the industry – Nitta's proprietary rubber compound yields longer belt life: up to **6 times** the abrasion resistance of competitors' belts!
- Best splices and ply adhesions in the industry. Extended-life skived joining, high operating duty cycles.

Carryflex and PolyBelt are
proudly "Made in the USA"



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NITTA BELTING FOR *Distribution Centers*



CONVEYOR BELTING

Nitta's global manufacturing base enables Nitta Corporation of America to carry a complete range of conveyor belting material. A full range of high-quality European-Style conveyor belts made from a variety of materials including PVC, PU, polyethylene, felt and silicone are manufactured at Nitta's facility in Alkmaar, in the Netherlands.

THE INDUSTRY

Applications in logistics can create demanding conditions for conveyor belts. Conveyor belts may be exposed to heavy goods, oil and grease and, in some situations, the influences of weather (e.g., temperature changes, sunlight and rain). The performance of the conveyor belts must remain optimal under all these conditions. In mail and distribution centers, many conveyor belts will run 24/7. Here, properties like wear resistance and minimum stretch are vital.

DISTRIBUTION CENTER APPLICATIONS GUIDE

Application	Nitta Conveyor Belting*							Nitta Carryflex™ (CFTG) Belting			Nitta PolyBelt™				
	PVC-Coated Fabric			TPU-Coated Fabric		Impregnated Fabric		Aramid Cord			Nylon Core				
	BLM-12A	BLRB-16A	VRT-20A	GYC-16A	SNTC-RB22A	TC	NCA-2206	BLC-12D	BLC-18DKF2	CFTG-60F	CFTG-18SG	CFTG-40F	TFL-15S	TFL-35H	TFL-10S
Input stage															
Telescopic loader	•	•						•							
Picking section	•						•	•	•						
Merging, gapping															
Merge system		•			•	•								•	•
Accumulation								•	•		•				
Gapping, acceleration		•			•	•									
Identification															
Check weigher, scale	•					•	•								
Scanner labelling	•	•					•								
Induction to sorter															
Metering	•	•			•	•									
Induction unit (multi-strand)		•			•	•									
Induction unit (single-belt)		•			•	•									
Sorter															
Cross belt sorter						•									
Belt diverter		•	•	•											
Pop-up sorter					•	•									
Pusher sorter		•			•										
Outfeed, final stage															
Deceleration		•	•	•	•										
Outfeed system	•														
Conveyor sub-systems, modules															
Line belt	•						•	•	•	•				•	•
Live roller conveyor										•	•	•			
Power turn	•														
Inclined/declined		•	•	•	•										
Z-conveyor						•									
Mini-conveyor						•									
Pallet handling										•	•	•	•		

*SNTC-RB22A and TC are from Nitta's PolySprint™ product line