

THE NITTA ADVANTAGE

Nitta Europe offers a wide range of belting solutions for the different types of conveying systems and equipment found in distribution centres. 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.



Carryflex™ CFTG-18SG for Live Roller Application

- Laminated polyurethane belt reinforced with aramid fibre cords, specially constructed for long life and quiet operation. Reduced elongation runs true and straight.
- Extruded with internal 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 fibre cords, specially constructed for long life and quiet operation.
- Features a high friction top layer that contacts the carrier rolls.
- 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 belts. 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 operation duty cycles.



Conveyor Belting

Nitta's global manufacturing base enables Nitta in Europe 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 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 influence 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 centres, many conveyors will run 24/7. Here, properties like wear resistance and minimum stretch are vital.

Distribution Center Application Guide

	Nitta Conveyor Belting*								Nitta Carryflex™ Belting			Nitta PolyBelt™				
	PVC-Coated Fabric				TPU-Coated Fabric		Impreg. Fabric		Aramid Cord			Nylon Core				
Application	2 LRAF 904 IM	2 LRWAF 909 RB	2 NF 906 AS-IM	2 LRF 2716 WT	2 LRF 109 RB	SNTC-RB22A	TC	2 LRAPP 02/G2 IM M 1.4	2 LRAF 901/901	3 LRF 901	CFTG-60F	CFTG-185G	CFTG-40F	TFL-155	TFL-35H	TFL-10S
Input stage																
Telescopic loader	•	•							•	•						
Picking section	•							•	•	•						
Merging, Gapping																
Merge system		•				•	•								•	•
Accumulation									•	•		•				
Gapping, acceleration		•				•	•									
Identification																
Check weigher, scale	•						•	•								
Scanner labeling	•	•					•	•								
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

SUPPORT

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