



## PRODUCT DATA SHEET

NOVITANE® • SHEETING • CONVEYOR BELTING • CUSTOM PRODUCTS

### NOVITANE® SOLID WOVEN REINFORCED FOOD GRADE CONVEYOR BELTING

This **NOVITANE** Food Grade conveyor belt is reinforced with an all polyester solid woven fabric. The polyurethane saturated polyester carcass enhances the belt's integrity, while providing the bottom surface with a low coefficient of friction making it ideal for slider bed conveyor service applications. The polyester based **NOVITANE** polyurethane cover is specially formulated to meet the requirements of the FDA and has the approval of the USDA for direct food contact use in meat and poultry plants. The 85 durometer polyurethane cover provides excellent resistance to abrasion, oil, grease and cleaning solutions. In addition, it has excellent cut and tear resistance required in deboning, dicing and other meat processing service applications. The belt can be easily and quickly spliced endless after the belt has been installed by utilizing our unique hot air weld procedure, thereby significantly reducing production downtime and installation costs.

#### FEATURES:

- \* All polyester solid woven carcass
- \* Low coefficient friction surface
- \* Specially formulated polyurethane covers
- \* Conducive to heat weldable splicing and fabrication

#### BENEFITS:

- \* Belt elongation of 1% at recommended working tension
- \* No fabric plies to delaminate and superior tear resistance
- \* Excellent for slider bed conveyor applications
- \* Meets FDA requirements and USDA approved
- \* Cleats and V-guides can be easily heat welded onto the belt
- \* Easily and quickly spliced endless by heat welding, eliminating the need for mechanical fasteners



**NOVITANE® SOLID WOVEN REINFORCED FOOD GRADE  
CONVEYOR BELTING SPECIFICATION DATA:**

**FG-90/85 - COS (8)**

<b>Reinforcement</b>	Staple
<b>Warp</b>	Polyester
	Staple
<b>Weft</b>	Polyester
<b>Tension Rating (PIW)</b>	90
<b>1% Elongation (PIW)</b>	85
<b>Maximum Belt Width</b>	72"
<b>Overall Thickness</b>	1/8'
<b>Color</b>	Beige
<b>Cover Durometer (Shore A)</b>	85
<b>Top Cover Thickness</b>	1/16"
<b>Bottom Cover Thickness</b>	FS
<b>Minimum Pulley Diameter</b>	2"
<b>Weight Per Foot (PIW)</b>	.079#
<b>Temperature Range (Deg. F)</b>	
<b>Minimum</b>	30
<b>Maximum</b>	185
<b>Coefficient of Friction</b>	
<b>Top Cover</b>	.85
<b>Bottom Cover</b>	.25
<b>Mechanical Fasteners</b>	
<b>Alligator Staple</b>	#62
<b>Clipper</b>	#1-A/UX-1
<b>Gator</b>	#1T