



PRODUCT DATA SHEET

NOVITANE® • SHEETING • CONVEYOR BELTING • CUSTOM PRODUCTS

NOVITANE® "HD" SERIES INDUSTRIAL GRADE CONVEYOR BELTING

A line of heavy duty **NOVITANE** conveyor belt constructions reinforced with an all polyester solid woven carcass. The "HD" series is available in tension ratings of 150 and 200 PIW and thicknesses from 1/4" to 1/2". The **NOVITANE** polyurethane covers are specially formulated to provide superior resistance to abrasion, cutting and gouging, in addition to oil, grease and hydrocarbon solvents, compared to other elastomeric materials. The polyurethane saturated polyester carcass not only enhances the belt's integrity, but also provides a low coefficient of friction on its bottom surface making it ideal for slider bed service applications. The 95 durometer polyurethane cover formulation provides the ultimate in cut resistance, while the 85 durometer has excellent abrasion resistance, the 75 durometer provides improved impact resistance and the 65 durometer has the highest coefficient of friction, while providing excellent wear resistance. Whether the service application is in metal stampings, foundry operations, sawmill/planing mills, corrugated box plants or glass cullet plants, there is a **NOVITANE "HD"** series belt specification available to provide extended and cost effective service life. By utilizing our unique hot welding process all of the **NOVITANE "HD"** series belt constructions can be easily and quickly spliced endless after the belt has been installed, significantly reducing production downtime and maintenance costs.

FEATURES:

- * All polyester solid woven carcass
- * Specially formulated urethane cover hardnesses
- * Bare friction surface bottom surfaces
- * Conducive to hot air weldable splicing and fabrication

BENEFITS:

- * No fabric plies to delaminate
- * Superior resistance to abrasion, cutting and oils
- * Low coefficient of friction for slider bed conveyors
- * Cleats and V-guides can be easily heat welded on to the belt
- * Easily and quickly spliced endless by hot air welding, eliminating the need for mechanical fasteners



**NOVITANE® “HD” SERIES INDUSTRIAL GRADE CONVEYOR BELTING
SPECIFICATION DATA:**

	IG-150/65 - COS (16)	IG-150/75 - COS (16)	IG-150/85 - COS (16)	IG-150/95 - COS (16)	IG-150/85 - CBS (20)	IG-200/65 - COS (28)	IG-200/75 - COS (24 & 28)	IG-200/85 - COS (20 & 24)	IG-200/85 - CBS (24 & 32)	IG-200/95 - COS (16 & 18)	IG-200/95 - CBS (24)
Reinforcement	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester
Warp	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester
Weft	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester	Staple Polyester
Tension Rating (PIW)	150	150	150	150	150	200	200	200	200	200	200
Maximum Belt Width	76"	76"	76"	76"	48"	76"	76"	76"	48"	76"	48"
Overall Thickness	1/4"	1/4"	1/4"	1/4"	5/16"	7/16"	3/8", 7/16"	5/16", 3/8"	3/8", 1/2"	1/4", 9/32"	3/8"
Colors	Clear	Black	Red	Clear	Red	Clear	Black	Red	Red	Clear	Clear
Cover Durometer (Shore A)	65	75	85	95	85	65	75	85	85	95	95
Top Cover Thickness	5/32"	5/32"	5/32"	5/32"	5/32"	9/32"	7/32", 9/32"	3/16", 7/32"	7/32", 1/132"	1/8", 5/32"	7/32"
Bottom Cover Thickness	Bare	Bare	Bare	Bare	1/16"	Bare	Bare	Bare	1/16"	Bare	1/16"
Minimum Pulley Diameter	4"	6"	6"	6"	6"	10"	10", 12"	8", 12"	12", 24"	6", 8"	24"
Weight Per Foot (PIW)	.133#	.133#	.133#	.133#	.153#	.200#	.186#, 200#	.159#, 186#	.186#, 213#	.123#, 129#	.186#
Temperature Range (Deg. F)											
Minimum	0	0	0	0	0	0	0	0	0	0	0
Maximum	185	185	185	185	185	185	185	185	185	185	185
Coefficient of Friction											
Top Cover	1.43	1.30	1.20	1.00	1.20	1.43	1.30	1.20	1.20	1.00	1.00
Bottom Cover	.22	.32	.32	.32	.90	.26	.26	.32	.90	.32	.90
Meets FDA	No	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
USDA Approved	No	No	No	No	No	No	No	No	No	No	No
Mechanical Fasteners											
Flexco	#187, R2	#187, R2	#187, R2	#187, R2	R2	R5	R5	R2	R2, R5	#187, R2	R2, R5

HEAT-WELDED ENDLESS SPLICING: Refer to Product Bulletin titled: "Procedures for Splicing NOVITANE Conveyor Belt" dated 4/1/03