



PRODUCT DATA SHEET

NOVITANE® • SHEETING • CONVEYOR BELTING • CUSTOM PRODUCTS

NOVITANE® “LMT” SERIES INDUSTRIAL GRADE CONVEYOR BELTING

A full line of low to medium tension **NOVITANE** conveyor belt constructions reinforced with an all polyester single ply or solid woven carcass. The **NOVITANE** polyurethane covers in 65, 75 and 85 durometers are specially formulated for superior resistance to abrasion, cutting and gouging, in addition to oil, grease and hydrocarbon solvents, when compared to other elastometric 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 conveyor applications. The “LMT” series of **NOVITANE** Industrial Grade conveyor belting is available in a broad range of tension ratings (55 PIW to 120 PIW) and thicknesses (5/64” to 1/4”). Whether the service application is in brick manufacturing, metal stampings, glass cullet, foundries, sawmills, corrugated box plants or other general industrial service applications, there is a **NOVITANE “LMT”** series belt specification available to provide extended and cost effective service life. By utilizing our unique hot air welding system all of the **NOVITANE “LMT”** 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 single ply or solid woven carcass
- ★ Specially formulated durometer urethane covers
- ★ Urethane saturated friction surface with low coefficient of friction
- ★ Wide range of tension ratings and thicknesses
- ★ Conducive to hot air weldable splicing and fabrication

BENEFITS:

- ★ Belt elongation of less than 1% at recommended working tension
- ★ No fabric plies to delaminate
- ★ Excellent resistance to abrasion, cutting, oils, grease and hydrocarbon solvents
- ★ 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® “LMT” SERIES INDUSTRIAL GRADE CONVEYOR BELTING
SPECIFICATION DATA:**

| | IG-55/85 - COS (5) | IG-90/65 - COS (12) | IG-90/75 - COS (6) | IG-90/75 - COS (12) | IG-90/85 - COS (8) | IG-120/85 - COS (12) | IG-120/85 - CBS (16) |
|-----------------------------------|--------------------|---------------------|--------------------|---------------------|--------------------|----------------------|----------------------|
| Reinforcement | Multifilament | Staple | Staple | Staple | Staple | Staple | Staple |
| Warp | Polyester | Polyester | Polyester | Polyester | Polyester | Polyester | Polyester |
| Wett | Monofilament | Staple | Staple | Staple | Staple | Staple | Staple |
| | Polyester | Polyester | Polyester | Polyester | Polyester | Polyester | Polyester |
| Tension Rating (PIW) | 55 | 90 | 90 | 90 | 90 | 120 | 120 |
| 1% Elongation (PIW) | 90 | 85 | 80 | 85 | 85 | 170 | 170 |
| Maximum Belt Width | 48" | 48" | 72" | 72" | 72" | 72" | 48" |
| Random Slab Length | 300' | 80' | 300' | 300' | 300' | 500' | 300' |
| Overall Thickness | 5/64" | 3/16" | 3/32" | 3/16" | 1/8" | 3/16" | 1/4" |
| Colors | Clear | Clear | Black, Clear | Black | Red | Red | Red |
| Cover Durometer (Shore A) | 85 | 65 | 75 | 75 | 85 | 85 | 85 |
| Top Cover Thickness | 3/64" | 1/8" | 3/64" | 1/8" | 1/16" | 3/32" | 3/32" |
| Bottom Cover Thickness | FS | FS | FS | FS | FS | FS | 1/16" |
| Minimum Pulley Diameter | 1" | 3" | 1" | 3" | 2" | 4" | 4" |
| Weight Per Foot (PIW) | .038# | .104# | .051# | .104# | .079# | .094# | .121# |
| Temperature Range (Deg. F) | | | | | | | |
| Minimum | 40 | 0 | 0 | 0 | 0 | 0 | 0 |
| Maximum | 175 | 185 | 185 | 185 | 185 | 185 | 185 |
| Coefficient of Friction | | | | | | | |
| Top Cover | .38 | 1.45 | 1.15 | 1.15 | .85 | .90 | .90 |
| Bottom Cover | .22 | .43 | .40 | .40 | .25 | .22 | .90 |
| Meets FDA | Yes | No | No | No | Yes | Yes | Yes |
| USDA Approved | Yes | No | No | No | No | No | No |
| Mechanical Fasteners | | | | | | | |
| Flexco | #62 | #125 | #62 | #125 | #62 | #125 | #187 |
| Clipper | #25LP | #2 | #UX1SP | #2 | #2 | #2 | #4 |

HEAT-WELDED ENDLESS SPLICING: Refer to "Procedures for Splicing NOVITANE Conveyor Belt"