



TUFF TEMP CORPORATION

– *HEAT RESISTANT TEXTILES AND BELTING* –

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Kevlar Endless Belts

Tuff Temp Corp. manufactures a unique Endless Transfer Belt that combines both superior heat and abrasion with outstanding mechanical performance.

Tuff Temp can provide unmatched levels of durability and wear life for your handling systems. However, for Endless Transfer Belts, mechanical performance issues, such as minimal belt stretch and proper belt tracking are equally important and Tuff Temp exerts 25+ years of engineering expertise to ensure a high standard on these measures.

Tuff Temp Endless Transfer Belts are custom fabricated to your specific width and length (up to a 24" or 610 mm maximum width, and no defined limitation on length). Belt thickness can vary from a nominal 1/4" (6 mm) to a nominal 3/8" (9 mm), dependent upon which Tuff Temp belt pattern and treatment is selected.

All Tuff Temp Transfer Belts are joined endless using a unique splice that contains only 100% Kevlar non-marking textile materials and functions as a virtually seamless joint. The strength, integrity and dimensional stability of this join is excellent. Belts can be driven on pulleys as small as 3" (75 mm) in diameter and belt stretch has been consistently proven to be minimal.

Any potential belt stretch is also further controlled through our use of pre-stretched belts. Prior to installing the endless splice, all transfer belts are either Wear Gard treated or Water Stretched treated in one of our in house curing ranges. Both treatments subject the belting to a high degree of tension during operation, effectively pre-stretching it before it runs on your system. Once pre-stretched, the belting is carefully measured to your defined length specification, and our unique splice is then installed.

All Tuff Temp Endless Transfer Belts are fabricated and thoroughly inspected to exacting standard for consistency in both width and straightness through out the length of the belting, including the spliced area. With a high degree of dimensionally stability and consistency in both width and lack of curvature, Tuff Temp ensures good tracking on your conveyors, with minimal belt travel.

In addition to superior wear life, Tuff Temp also possesses a very low thermal conductivity, so it will not leave unacceptable "shadow marks" like carbon. The more forgiving Tuff Temp fabric also eliminates the scratched, dents and streaking commonly found with rigid carbon products.

Be it Tuff Temp Roller Covers, Flight Bar Pads, Transfer Arm & Walking Beam Pads, Cooling Table Pads or Tuff Temp Endless Transfer Belts – Tuff Temp products have been developed for your industry.

Tuff Temp Endless Belt Properties

Temperature Resistance: Up to 1000° Fahrenheit / 540° Celsius Continuous and Up to 1400° Fahrenheit / 760° Celsius Intermittent.

Thermal Conductivity: 0.04 Btu. in/(h.ft² F)

Abrasion Resistance: Excellent

Cut Resistance: Good

Chemical Resistance: Good resistance to acid and alkalis, Excellent solvent resistance, Degraded by strong mineral acids and bases, Excellent resistance to mildew and aging.

It is our pleasure to supply you with **No Charge** product samples for head to head comparison testing. This is the best way for us to prove our value to you, and we welcome the opportunity to do so!

Worlds Premier Manufacturer & Supplier of Heat Resistant Textile Products Since 1974