



TUFF TEMP CORPORATION

– *HEAT RESISTANT TEXTILES AND BELTING* –

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Tuff Temp and High Temp Fabricated Pads

At Tuff Temp Corp. we have a fully equipped fabricating shop which is capable of producing customized pads, liners, seals, gaskets and expansion joints to meet your unique high temperature needs. Our on site technicians can provide customized form cutting, hole punching, sewing and slitting to meet your unique specifications.

In developing these products, our Sales Engineers will first work with you to determine a suitable fabric for your particular application (based upon estimated working conditions of temperature, abrasion, etc.). Next, we will listen to you to get all of your particular specifications (e.g. product stiffness, thickness, shapes, etc.). Once we receive your specifications our trained technicians will then develop working prototypes for your review. Upon your approval, die cuts will be made to ensure total consistency and strict adherence to your particular tolerances.

All of our Tuff Temp and HiTemp fabricated materials will possess the same superior temperature and wear resistant performance properties as our regular stock items.

Tuff Temp manufactures a unique woven high temperature resistant textile product that is used in the hot end of Container Glass and Hollowware plants. In addition we will utilize our own proprietary finishing treatments to further enhance the end use durability of your final product.

Special Finish HiTemp is a woven textile product that is comprised of specialty PBI and Fiberglass yarns (there is a greater concentration of PBI). The woven product has been impregnated with a unique finish that greatly enhances both the heat resistance and durability.

The Special Finish HiTemp product's wear life has proven to be excellent. In head to head testing against Kcarb (a carbon composite) we outlasted our competitor by several months. This directly translates into longer production runs with less maintenance down time.

The longer wear life that our product provides translates into backend cost savings – less non recoupable maintenance down time. However, we also have the benefit of some immediate front end cost savings because we have seen that our product is also initially less expensive than some of the carbon composite products. With longer wear life and less expensive initial pricing, we are very excited about our Special Finish HiTemp product. It's not often that we get a situation where we can beat the competition on both price and performance.

The Special Finish HiTemp product is currently manufactured in two sizes, although other sizes can be manufactured upon request. The first size is 1-1/4" wide. This size is typically used on Star Wheels, Stacker Bars / Catcher Bars and Lehr Loaders. The second size is 2" wide, and this size is typically used on the hotter Push Out Paddles / Push Out Fingers, or any other hot spot requiring 2" wide material.

The HiTemp product is actually a tubular product. However, it is not to be used as tubing – do not slip it over anything. It should be mounted flat with the backside adhered to the equipment. The purpose of the tubular construction is that the trapped air within the inside pocket acts as insulation (similar to storm windows) and it imparts added wear life to the product. From what we have seen in various container glass plants, our product is easy to handle and install, because it requires no machining and cutting like the carbon composites do (saving valuable man-hours).

Listed below is a small sample of some of the products that we regularly produce:

- Reflector Pads
- Scoop Pads
- Crescent Pads
- Liner Pads
- Lens Pads
- Scoop Liners
- Circular Pads
- Rotary Scoop Liners
- Double Disk Circular Pads
- Hammer Pads
- Pocket Scoop Liners
- Bottom Pad Scoop Liners

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