

MA APPROVAL NUMBER	MAC-SAL-00063
FORM NUMBER	N/A
REVISION NUMBER	01
REVISION DATE	18/06/2014
MD SIGNATURE	

## TECHNICAL RECOMMENDATIONS FOR MAXIMISING CHEMFAB® CONVEYOR BELT PERFORMANCE IN FOOD APPLICATIONS

To maximize the life of our CHEMFAB® products, the following procedures should apply:

### 1. Regular Cleaning:

- Conveyor Belts:

Wipe belts a minimum of once a day with a moist non-abrasive cloth. Continuous cleaning systems are desirable, but the use of scraper bars need to be regularly monitored to ensure that these are not directly touching the belt surface and causing mechanical damage to the belt's PTFE surface.

Detergents for use in food processing applications can be used to clean the belts. However, it is advisable not to use detergents with strong bases (a pH of 8.0 maximum at operating temperatures). A detergent of similar pH can also be used to clean the non-electrical parts of the machine.

- Machine:

Use hot water in the cleaning system.

All rolls (especially the driver rollers) and platens should be regularly cleaned to prevent food build-up and carbonization which causes mechanical damage (e.g. scraping of the PTFE surface), belt deformation and/or poor tracking.

### 2. Belt tension and machine set-up:

- Operate at minimum tension necessary to drive the belt;
- The lower the operating tension, the longer the belt life;
- Ensure all rollers are straight and correctly aligned;
- The use of an automatic guiding system is recommended at all times;
- Ensure belt continues to rotate whilst the heating system is in operation.

### 3. Operating Temperature:

- CHEMFAB® & CHEMLAM® fabrics are rated up to 260°C continuous;
- TCK® is rated up to 220°C continuous for all PTFE-aramid fabrics.

*Limited Warranty: For a period of 6 months from the date of first sale, Quadrant Chemplast (Pty) Ltd warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s). QUADRANT CHEMPLAST PTY LTD DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.*

*NOTE: Quadrant Chemplast (Pty) Ltd does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.*