



## CHEMFAB® RELEASE SOLUTIONS FOR...

- Walk-off Mats
- Crumb Rubber Mats
- **Padded/Cushion Backed Flooring**
- Luxury Vinyl Tile
- Carpet Yarns Heat Setting

# BELTS AND SHEETS FOR PADDED/CUSHION BACKED FLOORING

## RELEASE SOLUTIONS FOR CURING

Global demand for cushioned-flooring has never been higher thanks to its versatility and adaptability of use.

From underlay and carpet backing to anti-fatigue and therapeutic matting, they can be seen across the world in homes, offices, workplaces and public buildings. Even on the sports field as artificial turfing backing.

Manufactured in high volume, the process of working with PVC and PU at extreme temperatures is very aggressive. Production time can be lost due to product sticking to the conveyor belt during curing.

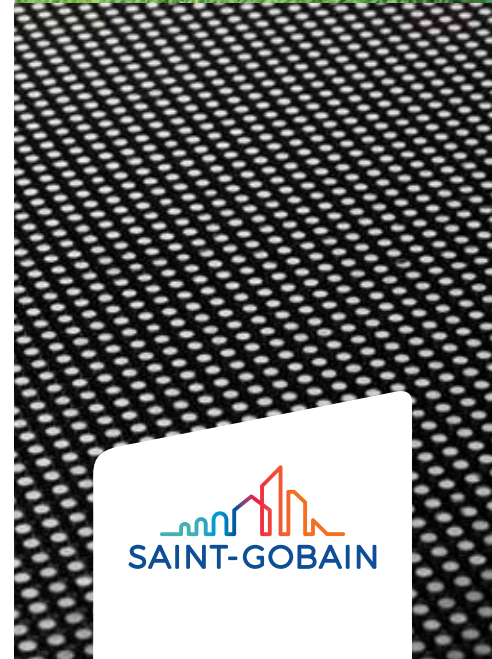
Used as processing aids, CHEMFAB® PTFE-coated belts are designed to withstand the harsh production environment. The non-stick surface, consistently delivers perfect release and helps minimise the risk of downtime.

## WITH OUR PRODUCTS YOU CAN ACHIEVE:

**1** HIGHER QUALITY FINISHES

**2** CONSISTENT PRODUCTION PROCESSES

**3** IMPROVED PRODUCTIVITY AND COST EFFECTIVENESS



- ✓ Excellent non-stick PTFE surface
- ✓ Resistant to aggressive chemicals
- ✓ Resistant to temperatures up to 260°C
- ✓ Hydrophobic surface
- ✓ Excellent heat transfer
- ✓ Low friction

- ✓ Simple installation
- ✓ Easy to operate and maintain
- ✓ Mechanically durable
- ✓ Roll to roll processing
- ✓ Available in rolls or sheets

## FEATURES



## OUTCOMES

- ✓ Optimal Release
- ✓ Higher quality finishes
- ✓ Consistent Production processes
- ✓ Improved Productivity
- ✓ Improved Cost effectiveness
- ✓ Less material waste
- ✓ Defect-free product
- ✓ No cross contamination

The manufacturing process of padded/cushion backed flooring is challenging. Producers need a durable conveyor belt that not only withstands the rigours but delivers defect-free flooring on release. Padded flooring involves curing PVC/PU liquid formulations at incredibly high oven temperatures before the cured product is stripped from the conveyor and rolled for post-processing.

CHEMFAB® PTFE-coated belts are non-stick and chemically resistant composites aiding the transport of the formulation as it is metered and processed into the ovens for curing, in temperatures up to 260°C. Preparation for post-processing where the final product is stripped from the production belt can also be a challenge, with sticking not only ruining the product itself but also contaminating the conveyor. Non-stick and superior release CHEMFAB® processing aids are able to deliver hundreds of thousands of metres of product before replacement.

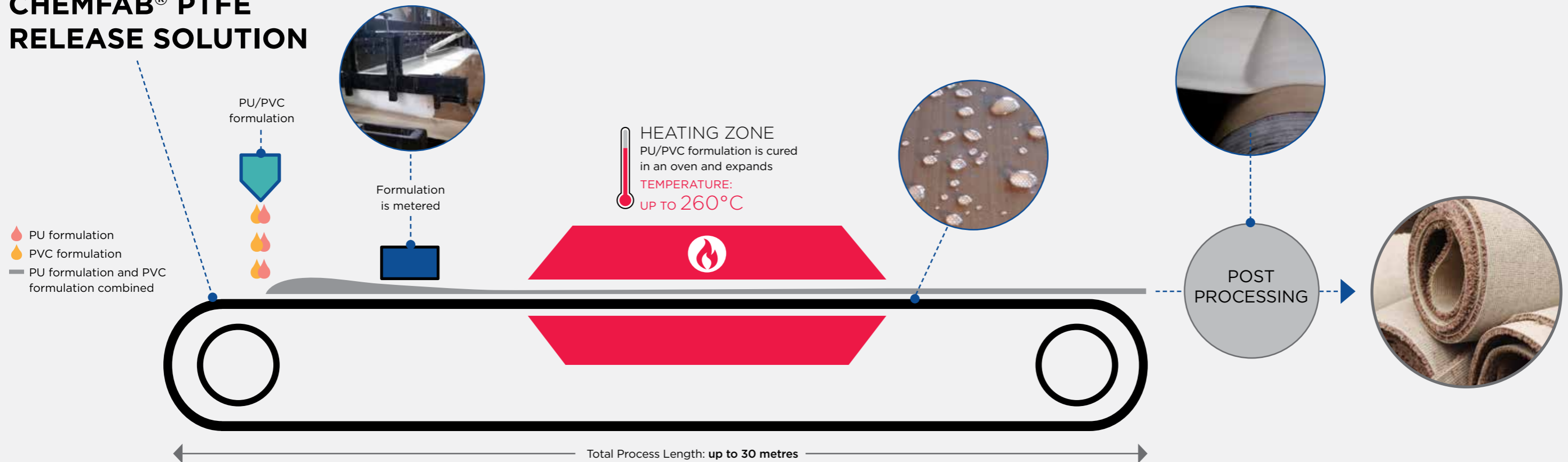
Their great mechanical strength makes them ideally suited for the production of industrial flooring on large conveyors, while excellent heat transfer properties aid curing in these demanding and aggressive conditions.

Manufacturers choosing our products see consistent productivity, less downtime and improved productivity due to unplanned stoppages.

Unlike manually-applied non-stick belt coatings, our release solutions are easy to install and remove by your operators or maintenance staff.

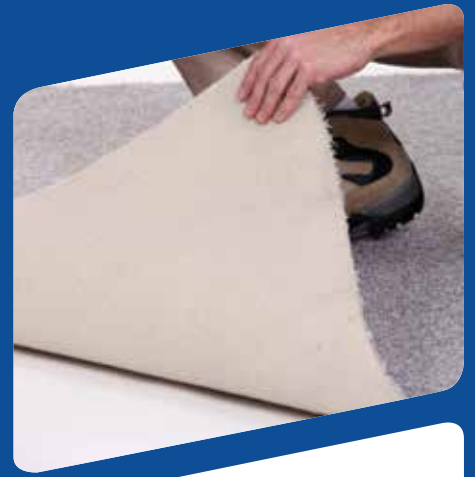
CHEMFAB® release solutions come as rolls of fabric, continuous belts or as cut to size sheets. They are available in a range of options suitable for manufacture of underlay, carpet backs, mat backs, bar mats, therapeutic pads and commercial and industrial anti-fatigue matting as well as artificial turf.

## CHEMFAB® PTFE RELEASE SOLUTION



## WHAT CAN BE MADE USING CHEMFAB® PRODUCTS?

- Underlay
- Traditional carpet backs
- Traditional mat backs
- Therapeutic pads
- Anti-fatigue mats
- Artificial turf backing
- Drink mats...



### ...ALSO USED IN MANUFACTURING:

- Walk-off mats
- Crumb rubber mats
- Luxury vinyl tile
- Carpet yarns  
Heat setting

## CHEMFAB® PRODUCTS OF CHOICE

CF4430, CF7330	Standard heavy belting for basic requirements
CF7330 AS	Heavy belting product for processes with anti-static requirements
CF4430 X, CF3460	Premium belting products for superior release and extended durability

## CASE STUDY

### 50% INCREASE IN BELT LIFETIME

One of our customers came to us with a need to increase their productivity and decrease spending on belts. Working together, we have developed a new belt with improved surface coating and release characteristics. This increased the average belt life from 4 weeks (producing 125,000m<sup>2</sup> flooring/belt) to 6 weeks (185,000m<sup>2</sup>); a huge increase of 50%. In a competitive market, the proven, longer lifetime of CHEMFAB® belts reduces production costs for a more profitable business. CHEMFAB® is committed to improved partnership; developing products alongside our customers.

RS/PCB/EU/EN/V1

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