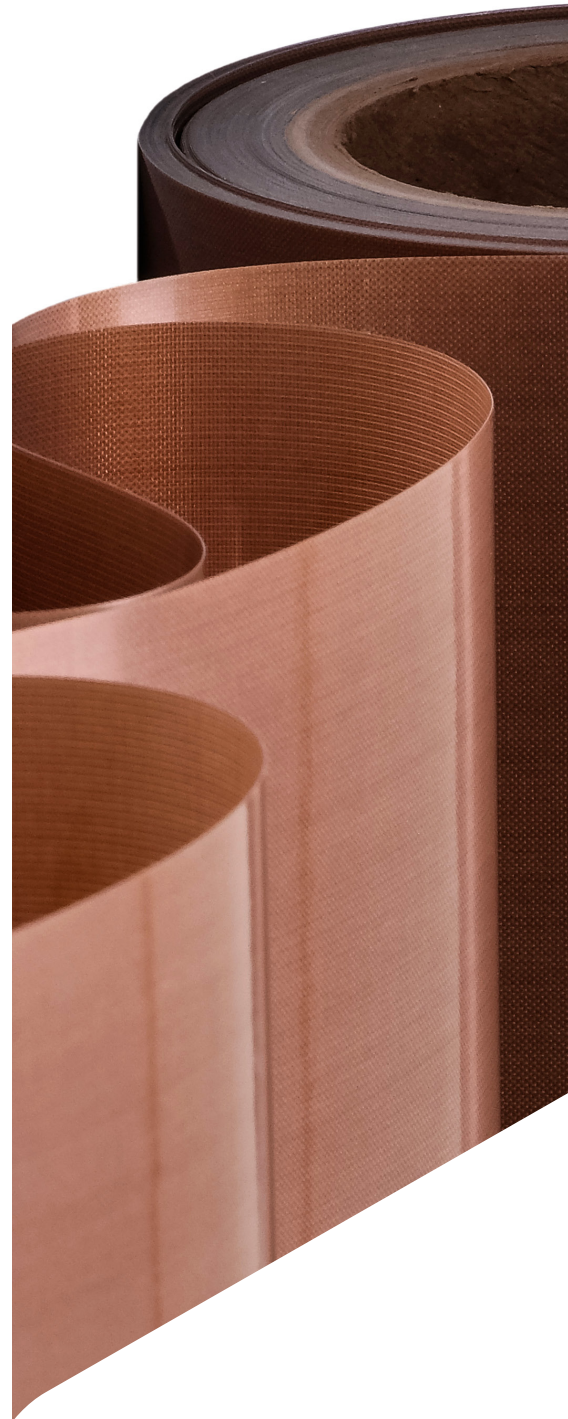


# ROLLS AND SHEETS FOR uPVC WINDOW & DOOR WELDING

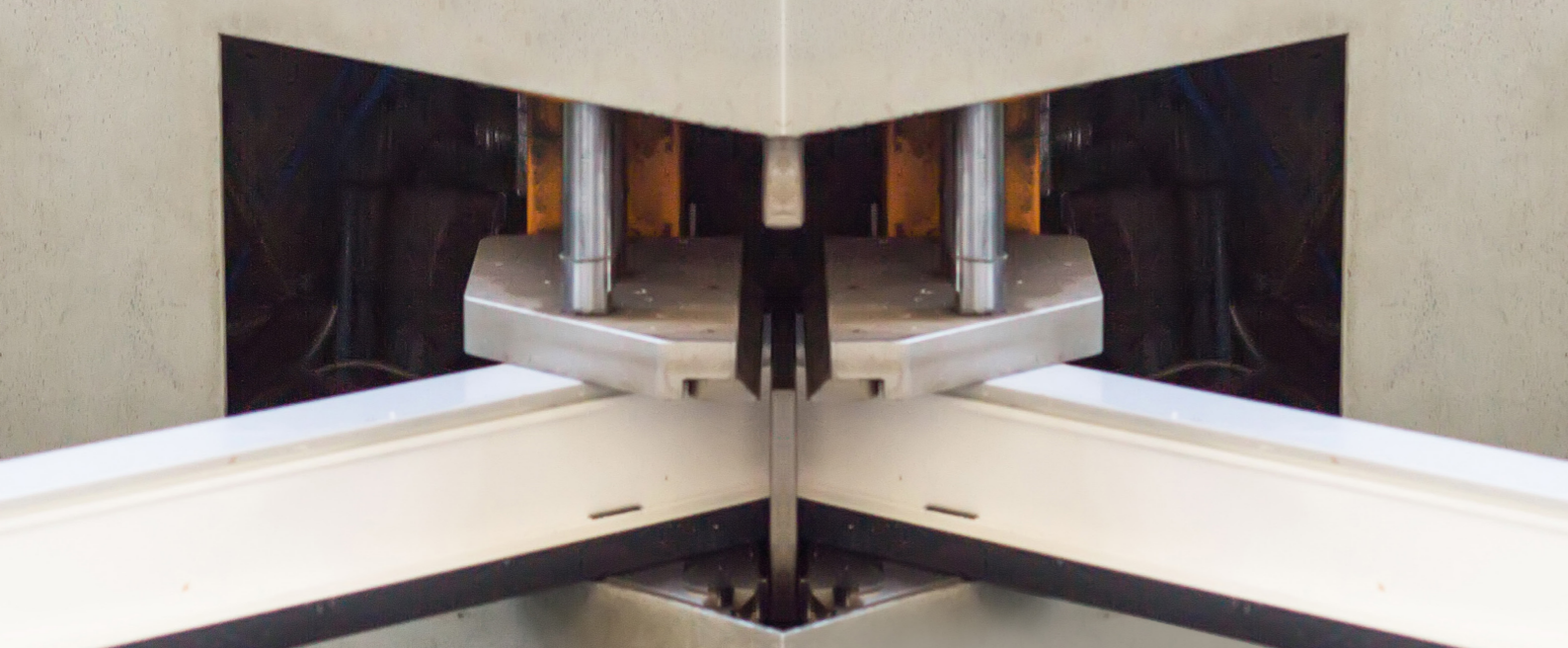
RELEASE SOLUTIONS FOR WINDOW  
AND DOOR MANUFACTURING



Partnerships that inspire.  
Materials that perform.



**versiv**



#### FEATURES AND BENEFITS

- Easy to clean
- Simple installation
- Configurable for any machine
- Excellent heat transfer
- Excellent non-stick PTFE surface
- Easy to operate & maintain
- Stable at high pressure up to 4 bar/over 55 psi
- Resistant to temperatures up to 260°C/500°F
- Mechanically durable
- Suitable for: use with all heating systems including RF & microwave systems; sheets for V, flat & combined welding platens

#### OUTCOMES

- Optimal release
- Less material waste
- Less downtime
- Less maintenance needs
- Defect-free product
- Improved cost effectiveness
- Higher quality finishes
- Easier cleaning and less set-ups
- Improved productivity
- Protects welding platens
- Consistent production processes
- Less weld failure

## RELEASE SOLUTIONS FOR WINDOW AND DOOR MANUFACTURING

Thermally efficient and virtually maintenance free, uPVC windows and doors have become an increasingly popular and cost effective solution for commercial and residential buildings around the world.

Manufacturing in high volumes requires streamlined operation for every part of the production process, and consistent release is a must to maximise output and minimise potential defects when welding uPVC windows and doors.

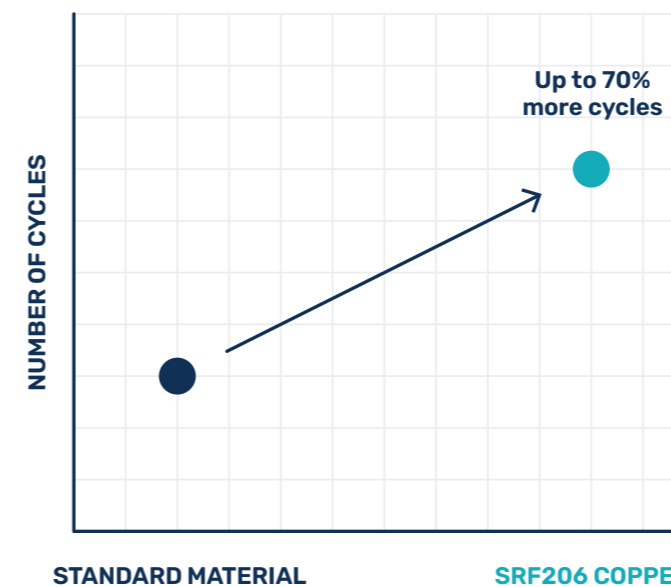
With a superior release surface and temperature resistance of up to 260°C / 500°F, Versiv PTFE products are optimal surfacing materials used to prevent melted PVC from sticking to and building up on welding platens of your machinery.

Offered as release sheets for V, flat and combined welding platens, Versiv release sheets are suitable to use in all hot plate welding processes, including RF and microwave systems.

Easy-to-clean, the non-stick surface reduces the risk of contamination and weld failures, while offering excellent welding plate protection and reducing maintenance needs to a minimum.

During the welding of uPVC windows and doors, Versiv PTFE release sheets cover the four heated welding platens on each corner of the window or door. This provides consistent release and prevents melted PVC from sticking to and building up on the welding platens of the machinery

## INCREASING THE NUMBER OF WELD CYCLES



#### TEST RESULTS



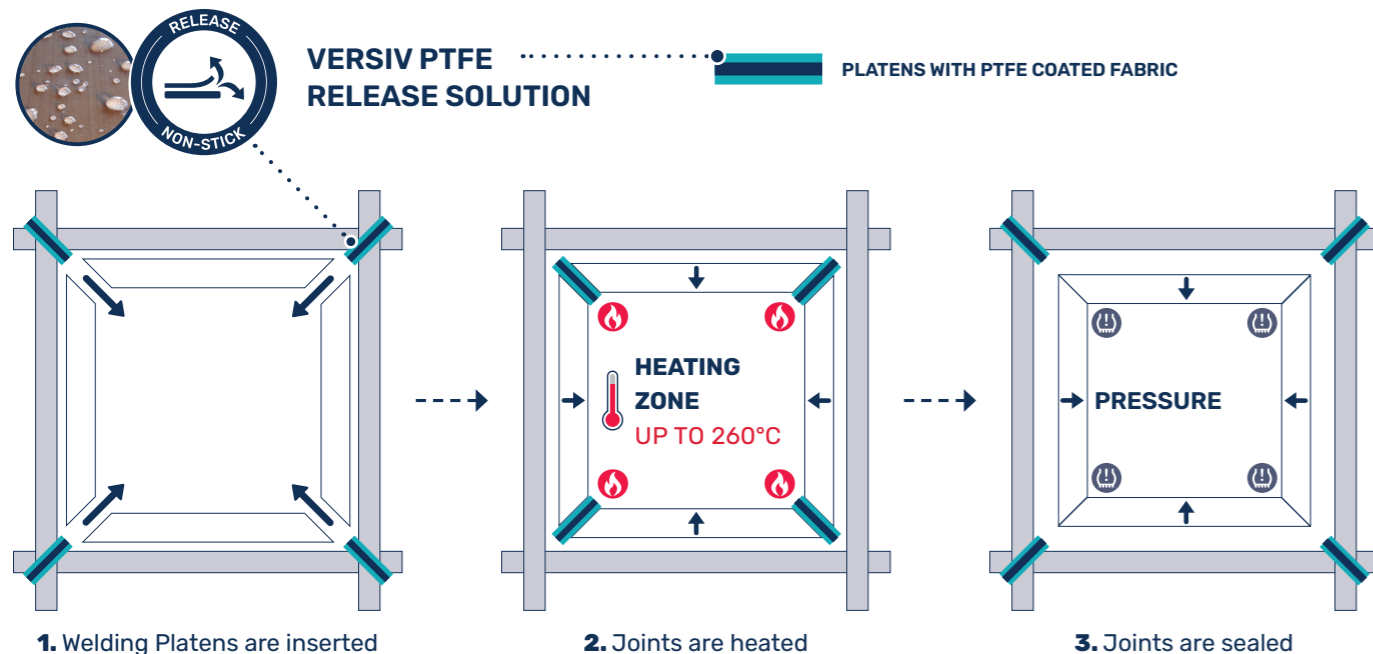
STANDARD MATERIAL

SRF206 COPPER

Our tests prove that due to smooth superior release, **Versiv SRF206 Copper** can work for a longer time without the need to change it.

This helps you to achieve:

- Increased number of cycles
- Higher quality finishes
- Reduced maintenance time



#### WHAT DO OUR CUSTOMERS SAY?

“Approving changes for production is a long process that can easily go wrong, so at times it is easier to stay with your current solution. We have tried using different release sheets in the past, and when we heard about the new SRF206 Copper product from Versiv, we were a bit sceptical. As with every trial, we didn’t want it to negatively impact the quality of the profile and our production targets.

The prospect of easy clean and fewer changeovers sounded good however – so we have used it and are very happy with it. The new sleeves are so easy to clean! The PVC just doesn’t stick to them so we can run the machines for 70% longer before we need to change. We now have less breakdowns and maintenance, so we can focus on production and keeping our customers and management happy.”



**Hervé Maindron**  
Warehouse & Maintenance Manager, Lapeyre Industries



## CUSTOMER INSIGHTS

Versiv products have been used by uPVC window and door welders for many years. Working closely with our partners we really understand their challenges. Together with KRISPOL, we have developed the new SRF206 Copper release solution.

“We recommend the new Versiv SRF206 Copper PTFE-coated fabric. This is a friendly product in the process of welding profiles, our tests have proved that they are above average strength. We have seen in practice that the release sheets do not need to be changed as often as happens in the case of other products.

What is important to us in the window production process is that this new Versiv Fabric maintains its properties throughout the entire period, which translates into high quality of welded window profiles.”



**Daniel Trzosek**  
Production Manager,  
Window production department of KRISPOL

## WHAT CAN BE MADE USING VERSIV PRODUCTS?

uPVC welding platen release fabric for:

- uPVC Windows
- uPVC Doors
- Conservatories



## VERSIV PRODUCTS OF CHOICE:

### SRF206 COPPER

Super smooth with superior release and extended durability

### CF206

Premium product with a smooth surface and excellent release

### SRL6GX

Laminated products with superior release and extended durability

# versiv

**Partnerships that inspire.  
Materials that perform.**

Versiv is a recognised expert in high-performance, technology-driven, fluoropolymer-based materials and customised solutions. Our expertise is focused on films, fabrics, tapes and multimaterial composites. We create proven and innovative materials that offer protection, easy release, insulation, and friction control. We adapt and collaborate with our partners to push the boundaries of what is possible.

## CONTACT US

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