



Release Innovation™

RELEASE JIGS FROM STICKY BUILDUP

The new Chem-Trend® PM-J5525W release agent enables the easy removal of residue and dirt from JIGs.

OUR SOLUTION



Release Innovation™

Release yourself from laborious JIG cleaning processes.

Our new Chem-Trend® PM-J5525W release agent makes it easier to clean your production aids, retaining devices, tools and metal sheets, that can become very dirty during the production process due to the use of bonding agents and primers. JIG cleaning is time consuming, costly and often involves extensive manual labour. This problem is now a thing of the past thanks to Chem-Trend® PM-J5525W. Discover all the other advantages for even greater production efficiency on the next pages.

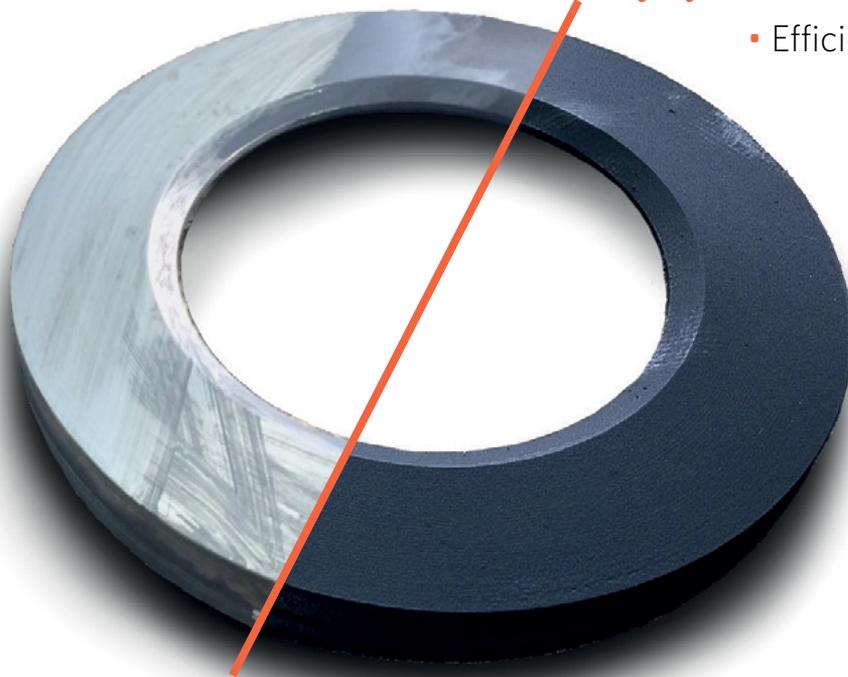


ADVANTAGES

Improves



- Occupational safety
- Process stability
- Efficiency



Reduces



- Manufacturing costs
- Work required
- Downtimes

THE PROCESS

Coating of JIGs *before start of production* with use of bonding agents



Preheat the JIGs to the base temperature (130 °C)



Coat with Chem-Trend® PM-J5525W release agent

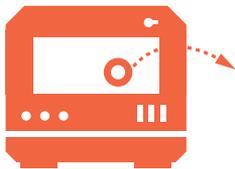


Heat-set the release agent (130 °C)



Cool down the JIGs

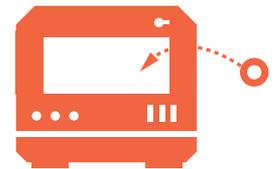
Cleaning of JIGs *after end of production* with use of bonding agents



Remove the JIGs from the production process



JIGs can easily be cleaned, dirt and residue can be peeled off



Return the JIGs to the production process with use of bonding agents

PROVEN EFFECTIVENESS



Any dirt can be removed without a trace from the coated part of the cylinder.



Heavy build-up of bonding agent residue can be fully stripped away.

PROVEN EFFECTIVENESS



Before: The thread has become heavily soiled with production residue.



After: Uneven surfaces can be cleaned quickly and easily too, just like that.

PROVEN EFFECTIVENESS



Dirt and residue are easy to strip away, even by hand.



This results in completely clean surfaces, that are also protected by the gentle cleaning process.

PRODUCT DATA



Release Innovation™

Description

Chem-Trend® PM-J5525W is a water-based release agent that should be applied to the JIGs before these are being placed in the production process of rubber-to-metal bonded products.

Due to the use of bonding agents and primers during the production process of rubber-to-metal products, JIGs can become very dirty. Residue and dirt build-up from bonding agents are difficult to remove. The application of Chem-Trend® PM-J5525W release agent prior to production start allows for significantly reducing the cleaning time of JIGs after production stop. Process efficiency is improved, cleaning with solvents or via sand-blasting becomes unnecessary.

Typical properties

Appearance	Whitish liquid
Shelf life of unopened container:	6 Months from the date of manufacture

(see also date of expiry on the container)

Product Application

1. Before applying the first coat of Chem-Trend® PM-J5525W, the JIGs must be thoroughly cleaned.
2. Heat the JIGs to approximately 130 °C
3. Spray on a coat of Chem-Trend® PM-J5525W thinly and evenly.
4. Allow the coat to cure for 10 - 15 minutes at 130 °C.
5. After curing, the JIGs can be used in production once they have cooled down.

Legal Notice

The technical information and suggestions for use contained herein is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a professional with technical experience. It does not release the customer from the obligation of performing own tests with the product selected for a specific application. While the information and suggestions are believed to be accurate and reliable, nothing stated in this bulletin is to be taken as a warranty either expressed or implied.

Should it become more difficult to remove the bonding agent, a new coat of Chem-Trend® PM-J5525W should be applied. Prior to this, any remaining bonding agent should be removed as thoroughly as possible. Then spray on a new coat of Chem-Trend® PM-J5525W as described in Steps 2 through 5.

Storage

Do not store at over 38 °C. Protect against frost. Always keep container closed to prevent evaporation and contamination. If the product is stored in a cold location, it must be brought up to room temperature before it may be used. Do not continue to use if the expiry date has passed (see label).

Would you like to get a
personal consultation?
Contact us today!
Click here, fill in the form
and send it to us.