

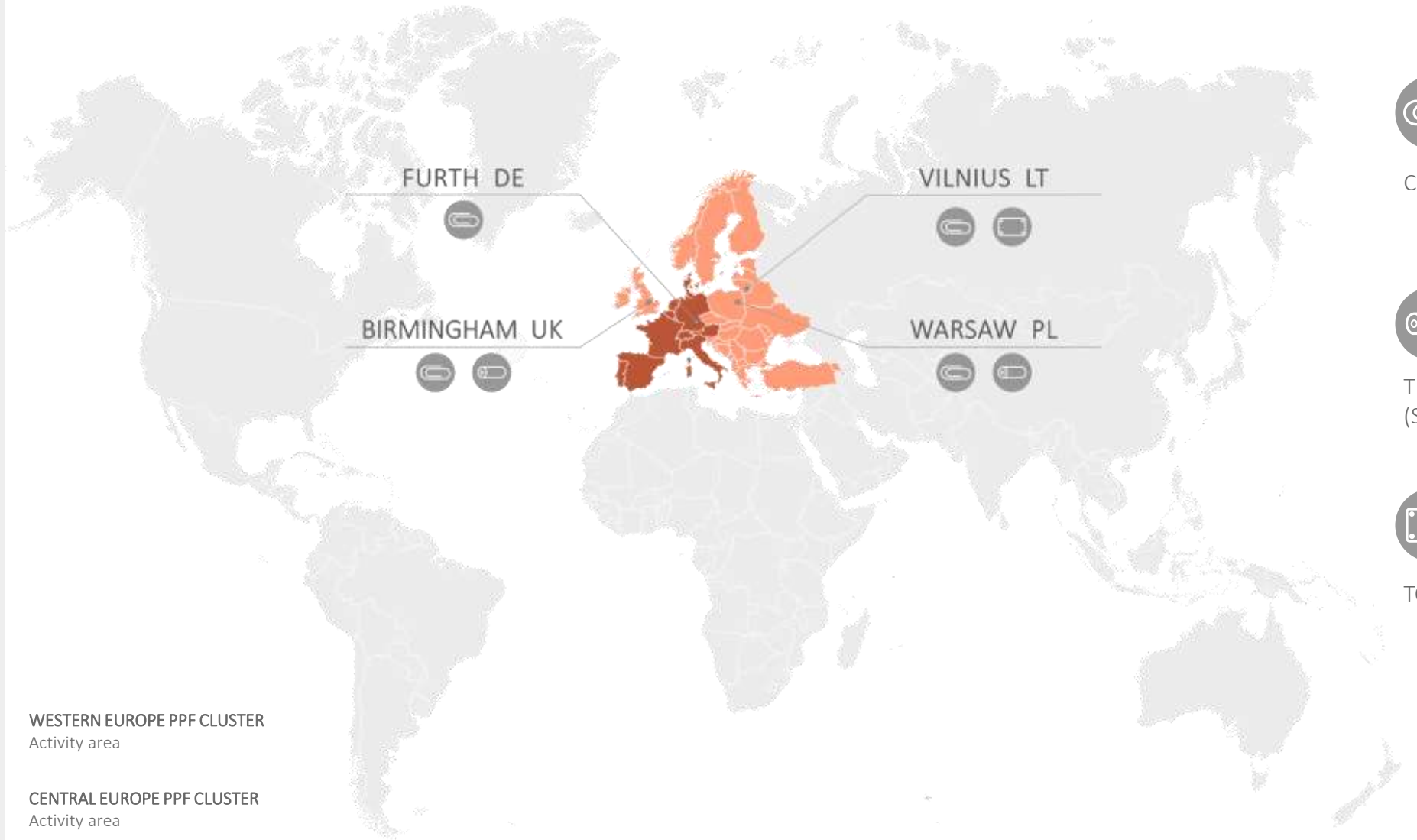


International Sales Conference Ink 2025



ZELLER + GMELIN

PPF CLUSTERS ACTIVITY AREAS, EUROPE



 WESTERN EUROPE PPF CLUSTER
Activity area

 CENTRAL EUROPE PPF CLUSTER
Activity area



CLUSTER OFFICES

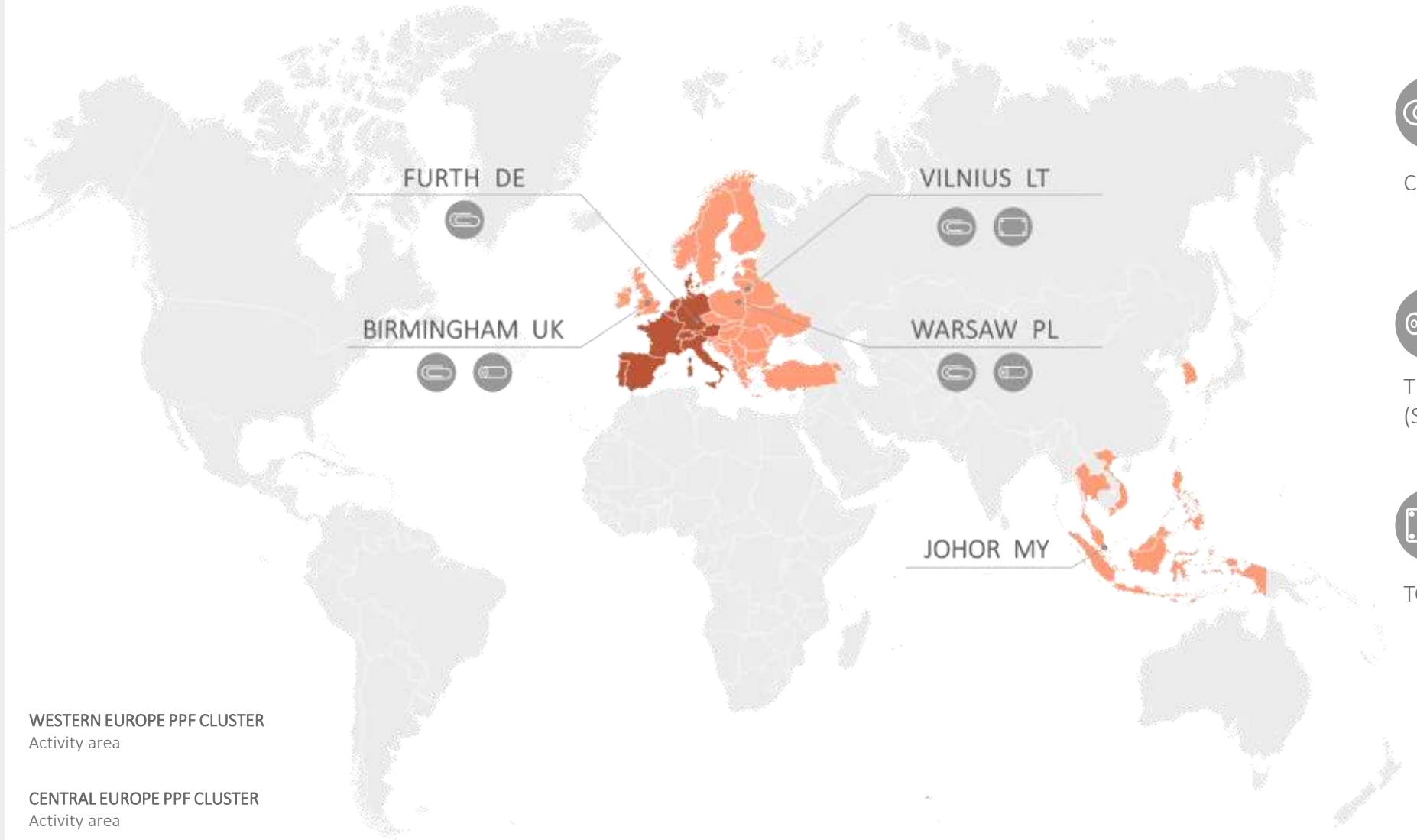


TRANSFER FINISHES PRODUCTION
(SLITTING HUB)



TOOLS PRODUCTION SITES

PPF CLUSTERS ACTIVITY AREAS



CLUSTER OFFICES



TRANSFER FINISHES PRODUCTION (SLITTING HUB)



TOOLS PRODUCTION SITES



WESTERN EUROPE PPF CLUSTER
Activity area



CENTRAL EUROPE PPF CLUSTER
Activity area

WAREHOUSE, PRODUCTION, OFFICE



35 M SQM transfer finishes on stock



Production capacity –
500k SQM transfer finishes per day



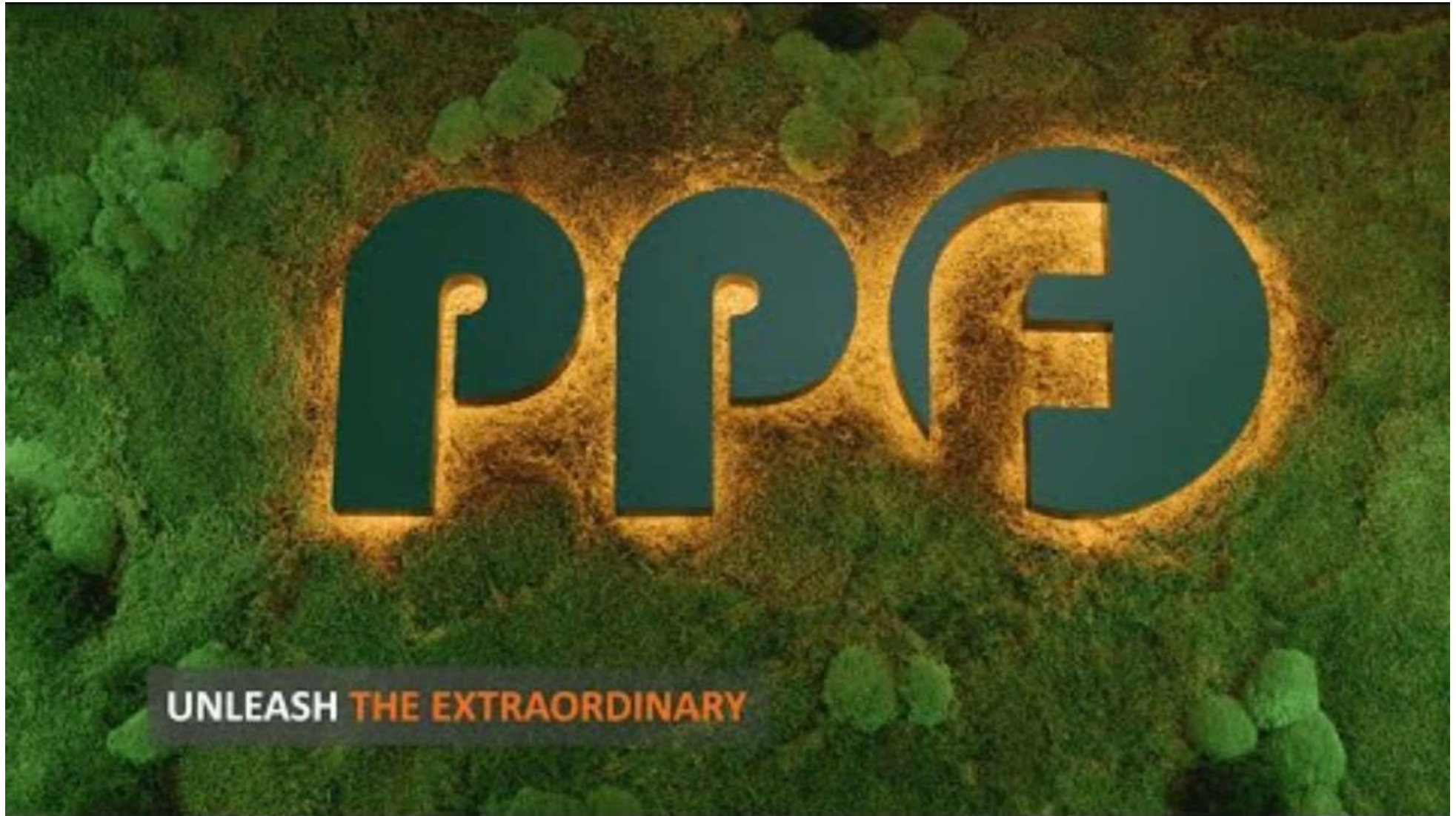
Showroom and Multimedia
conference hall



Laboratory



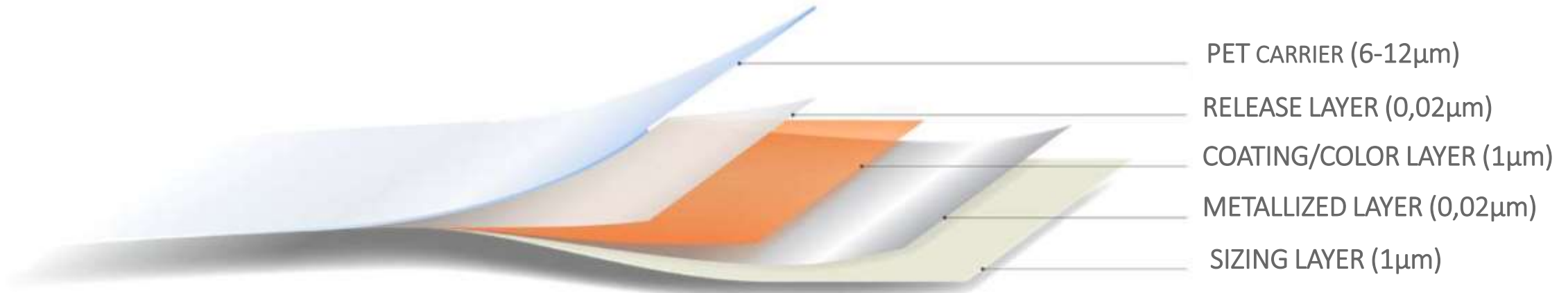
EXPLORING TRANSFER FINISHES IN PPF MODERN WORKPLACES



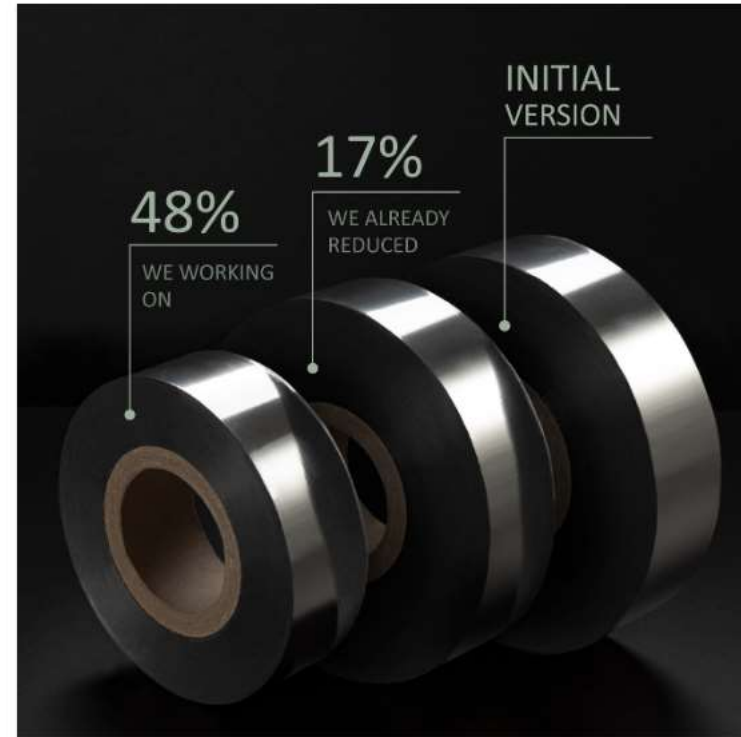
SFCF MACHINE LAYOUT



STRUCTURE OF A COLD FINISHER



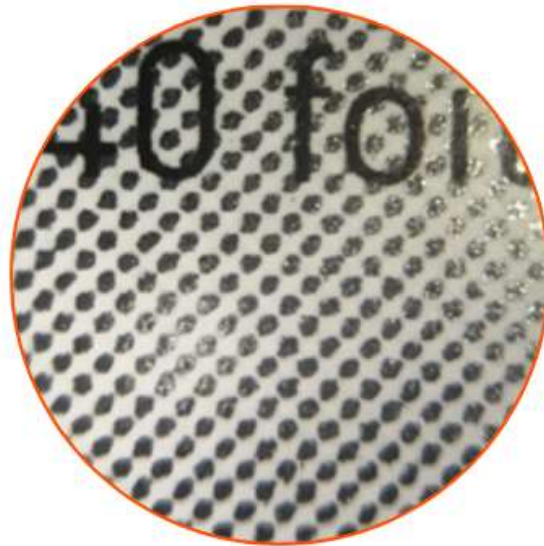
REDUCED CARRIER LAYER



COLDFOIL FIRST_AID

**SITE
MATTERS**

FEASIBILITY OF ARTWORK



FEASIBILITY OF ARTWORK



- **Lines**

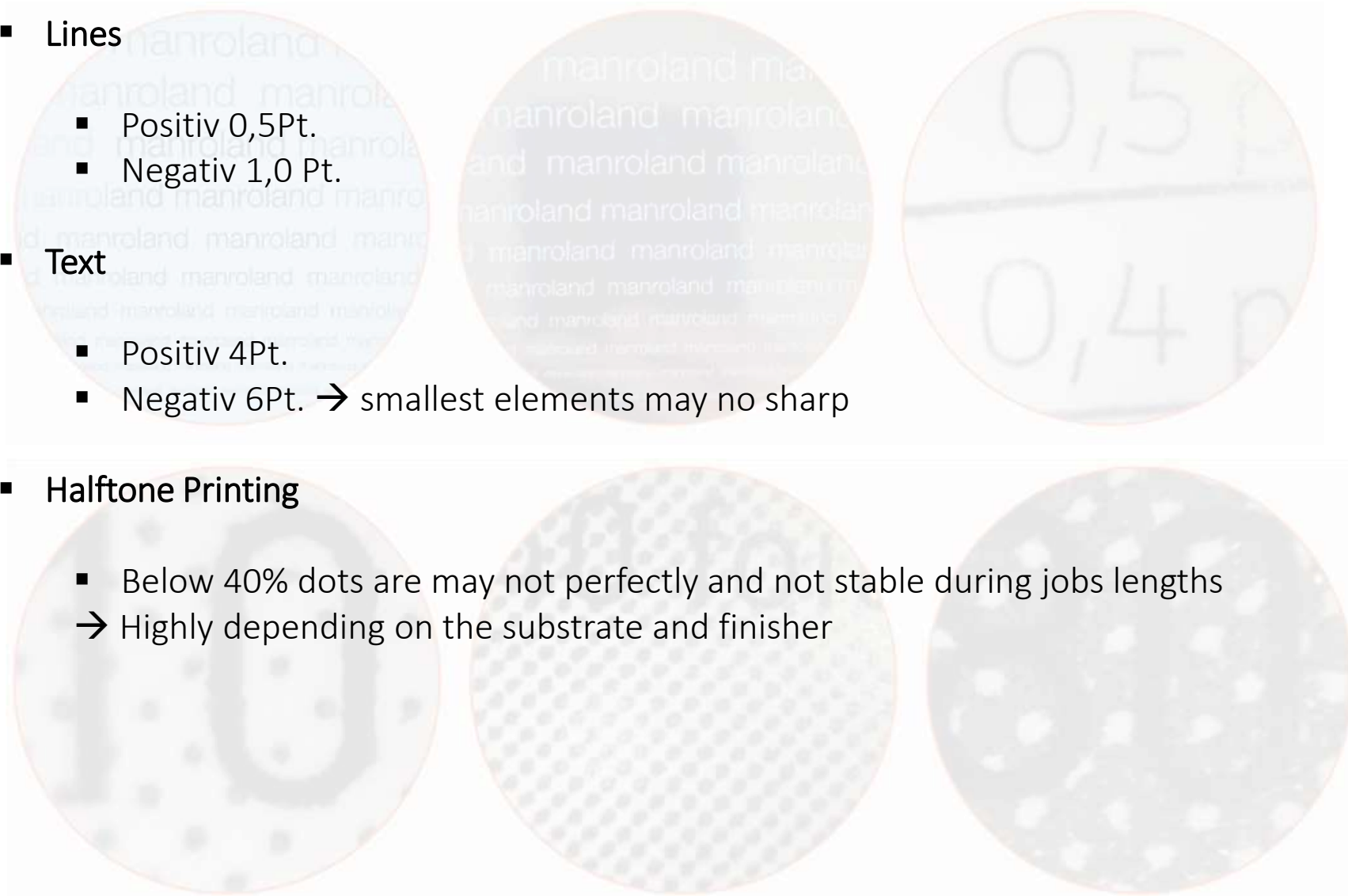
- Positiv 0,5Pt.
- Negativ 1,0 Pt.

- **Text**

- Positiv 4Pt.
- Negativ 6Pt. → smallest elements may no sharp

- **Halftone Printing**

- Below 40% dots are may not perfectly and not stable during jobs lengths
→ Highly depending on the substrate and finisher



HECHO EN MEXICO

Donna Leoniga

38 x VBA

1000 ml

38

OPERTAORS
BAVE BESEBAE

FAVORITE
LEONIGA



Donnerstag, 10



PILING ON THE BLANKETS



Possible root causes

Unit 1 (adhesive)

- Packing too small
- Water/Ink balance incorrect
- Too much adhesive
- Choice of printing blanket
- Ink stock setting
- Paper surface

Unit 3 (overprint)

- Release / Sizing cold foil
- Amount of adhesive
- Ink too high tack (picking)

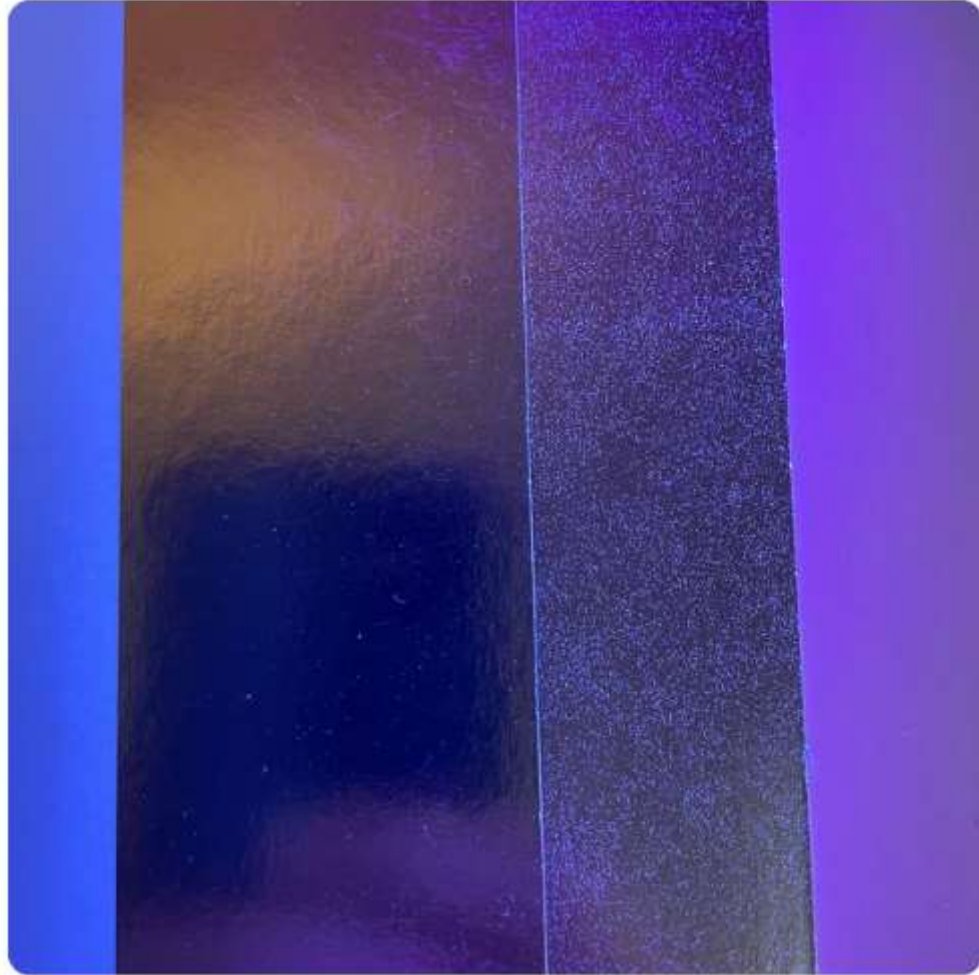
Set-up recommendation

Reduce water to smearing – increase water – check density – add foil



SURFACE DEFECTS

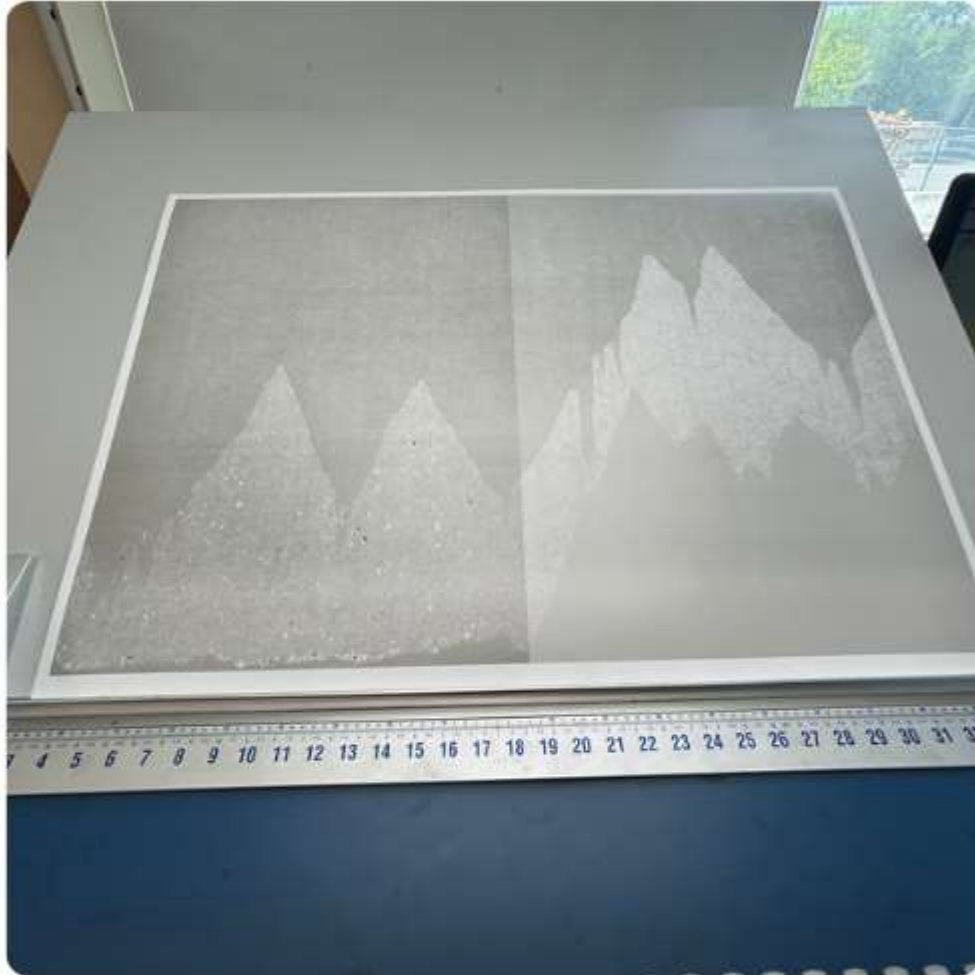
SURFACE DEFECTS / PINHOLES



Possible root causes

- Choice of substrate
- Impression 1st & 2nd Unit
- Combination adhesive / foil
- Surface tension (synth. Material)

SURFACE DEFECTS / DELAMINATION



Possible root causes

- Board layers
- Tack
- Monday morning blues

SURFACE DEFECTS / INCOMPLETE FOIL TRANSFER



Possible root causes

- Insufficient adhesive coverage
- Dirty or worn-out blanket
- Foil tension too high or low
- Pressure setting

SURFACE DEFECTS / FOIL WRINKLING



Possible root causes

- Foil tension too tight
- Foil path misalignment
- Old or brittle foil

PRODUCTS

+

TIPS



PRODCUT RECOMMENDATIONS

ADHESIVE	OL-8CK34FCM /
COLD FOIL FINISHER	SVFS + SVFK
BLANKETS	Adhesive unit – Standard, Super Press, Vulcan Irio, Quick Release Foiler unit - Conti Black Pearl, Finito Foil

HINTS

CHOOSE THE RIGHT SUBSTRATE	A smooth, coated surface ensures better foil adhesion and sharper details
OPTIMIZE ADHESIVE COVERAGE	Too much or too little can impact foil transfer—balance is key!
USE HIGH QUALITY FINISHER	Not all finishers are equal! Select the right grade for your press and job requirements.
FINE TUNE PRESS SETTINGS	Monitor pressure, registration, and curing to avoid defects.
TEST BEFORE FULL PRODUCTION	A quick test run can save time, money, and ensure premium results

THANK
YOU!

