

ORMECON[®] L Series **Conductive Coatings**

ORMECON[®] L Series: **Description**

- As Organic Metals are insoluble they have to be incorporated into conventional lacquer systems by using specially developed dispersion techniques
- In our lacquers (ORMECON L Series) the Organic Metal is finely dispersed to a particle size of about 70 nm
- In contrary to our pure dispersions, our lacquers also contain binder resins, because of practical requirements (adhesion to the substrate, application methods etc.).
- The (transparent) conductive ORMECON lacquers are available in various resins (e.g. acrylics, polyamides, polyester), and can be supplied as solvent containing or water borne coatings.

ORMECON[®] L Series: **General Information**

ORMECON offers coatings for different applications methods:

- Lacquers (ductor blading, spraying, rollercoat, painting)
- Pastes (screen printing, pad printing)
- Inks (ink jet printing)

Specialized formulations to meet specific customer application methods may be developed!

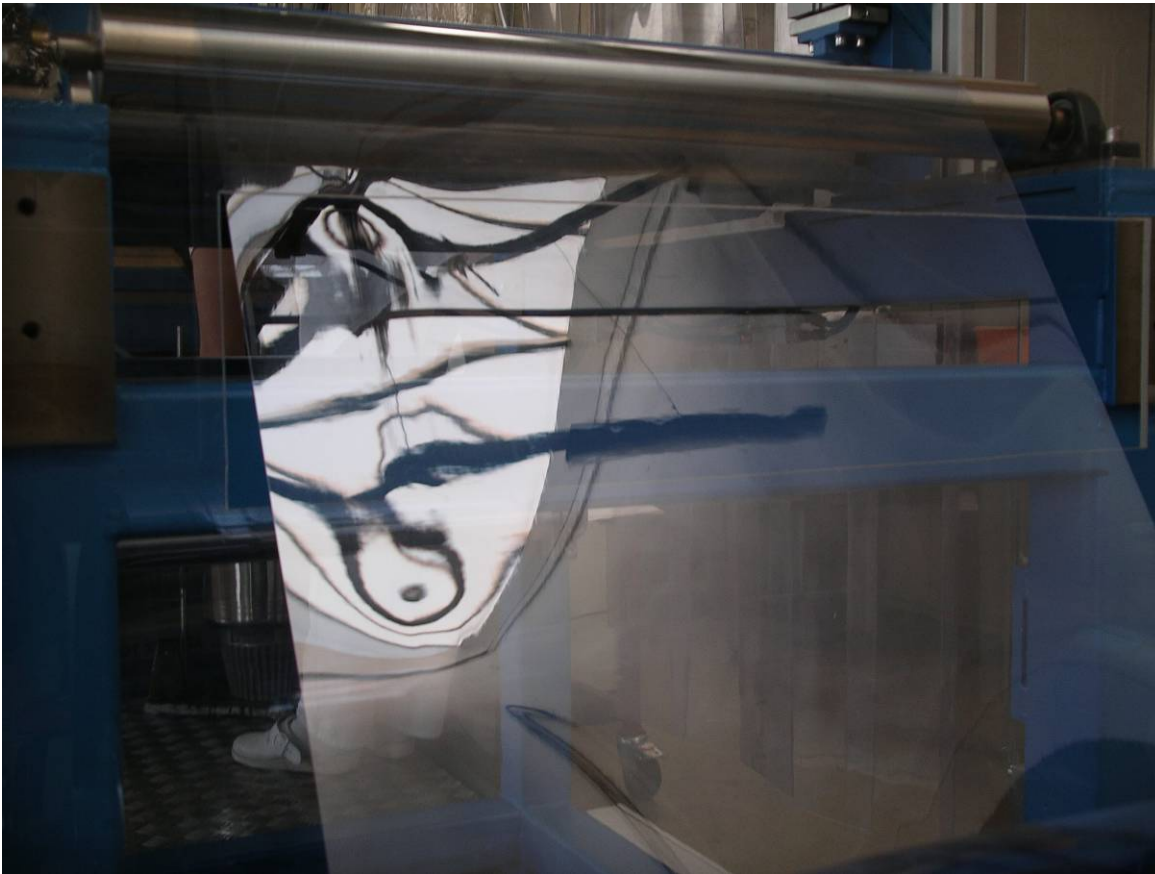
ORMECON[®] L Series: **Overview**

ORMECON L 5000 – L 5010

- Solvent or water borne Organic Nanometal[®] Coatings
- Surface resistivities of 5 to $10^8 \Omega$
- Greenish transparent (up to 90%)
- Coating thicknesses of 0.5 to 20 μm

If the Organic Nanometal is required as an “additive” (corrosion prevention and conductive applications), please inquire about our predispersions which contain 40% of the Organic Metal .

ORMECON[®] L Series: **Application**



Film coated with
ORMECON L 5005 -
highly sensitive medical
packings

ORMECON® L Series: **Application**



Bumper coated with
ORMECON L 5008W for
reducing the overspray of
the final car colour
(antistatic application)