

LISS, a.s.

Rožnov pod Radhoštěm

LISS

BCI

BLOSCH

Switzerland

LISS

Czech Republic

PLATITE[®]
Advanced Coating Systems
SWISS  QUALITY

Switzerland

PLATITE[®]

Czech Republic

LISS

- Založená 1991
- 110 zaměstnanců
- 5 základních výrobních
- 3 provozní budovy
- Vývojové centrum
- CSN EN ISO 9001,14001

L1



L2



Oblasti podnikání

- ❑ Hodinářský průmysl
- ❑ Telekomunikace
- ❑ Optika
- ❑ Zdravotnictví
- ❑ Nástroje
- ❑ Letecký průmysl



Our slogan

LISS is strong in

- coatings that are **critical to our customers' applications**
- niche applications, where high-end coatings meet **demanding requirements** in **aesthetics** and **functionality**
- the **combination** of **different surface** and **coating technologies**, which we offer **in-house** and thus can differentiate ourselves from the competition

High-End Coating Solutions

our target
segment

our core
competence

our customer
approach



**Design
Support &
Engineering**



**Substrate
procurement**



**Solderable
coatings**



**Ultra-
resistant
optical AR
coating**



**Customiz-
able optical
AR coating**



**Hermetic
integration**



Sub-units

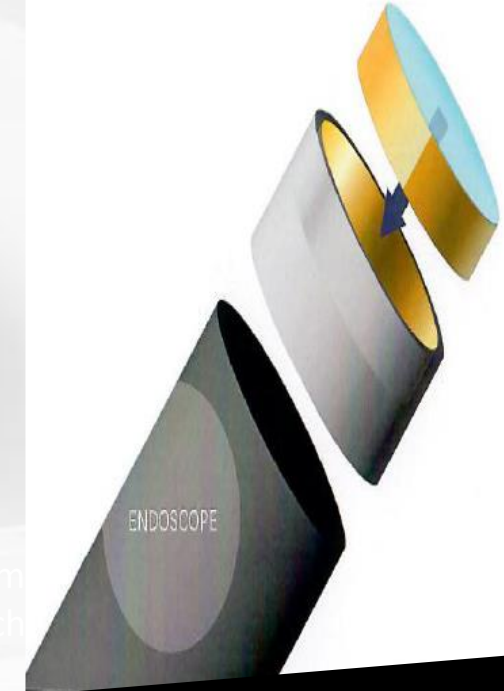
METALLIZATIONS

The combination of PVD and electroplating provides unique capability and features for many applications.



SOLDERABLE COATINGS

- Solderable coating solution for rectangular and round flat windows
- Selective application on a defined zone allows seamless and easy integration of an optical window to the metal housing
- Ideal coating solution for larger hermetic windows
- Substrates may be either sapphire, fused silica, or most crystals, glasses and ceramics
- Windows can be additionally coated with an optical filter



OPTICAL COATINGS

Optical coatings provide the parts with the transmission and reflection spectra, as well as other functions necessary for the application

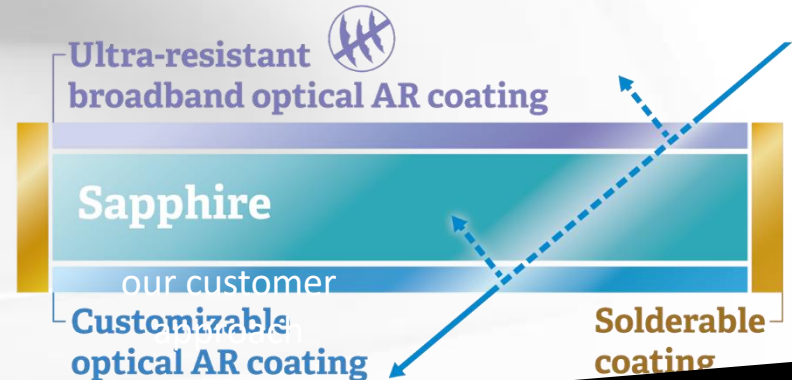
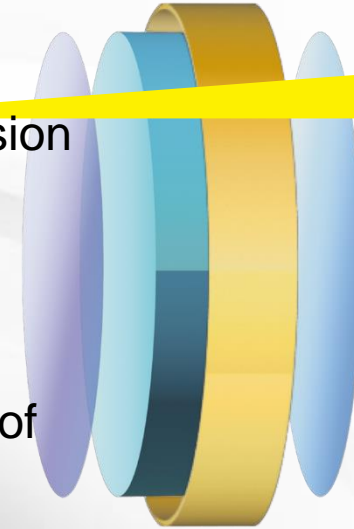
Custom AR coating

Customized AR coatings are designed on the basis of customer requirements

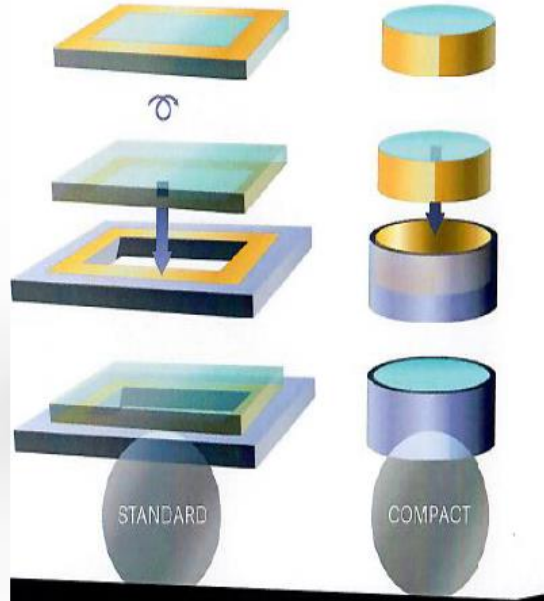
e.g.

VIS AR coating

VIS-NIR AR coating



Window integration and functionalization



Our concepts allow the integration of highly customized geometries

Our integrable windows can be extended with functional coatings

Portfolio of solderable coatings cover a wide range of requirements

- AR coatings
- UV filters
- Highly reflective mirrors

PVD

sputtering and evaporation

