

About us

Located in Bedizzole (Italy) since 1996, Protec Surface Technologies has become an international benchmark in the world of high-vacuum deposition systems, mastering Physical Vapour Deposition (PVD).

With 30 years of expertise and over 300 decorative PVD systems installed worldwide, we bring Italian innovation and excellence to the most dynamic markets.

Our cutting-edge solutions empower the fashion and luxury, watch industries, as well as manufacturers of metal accessories, eyewear, buckles, zipper pulls and many more.

At Protec ST, technology meets creativity: we deliver sustainable, high-quality and durable finishes that enhance design, inspire trends, and add lasting value to every product.

Our brands

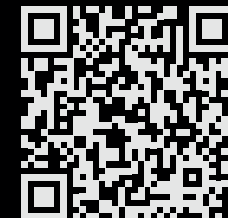
IS PRO
Ion Shield Protection



Company certified



Design and
implementation
of PVD coating
equipment



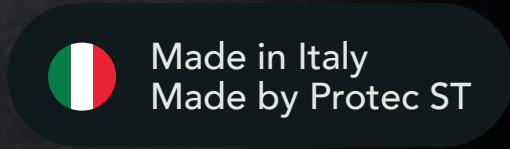
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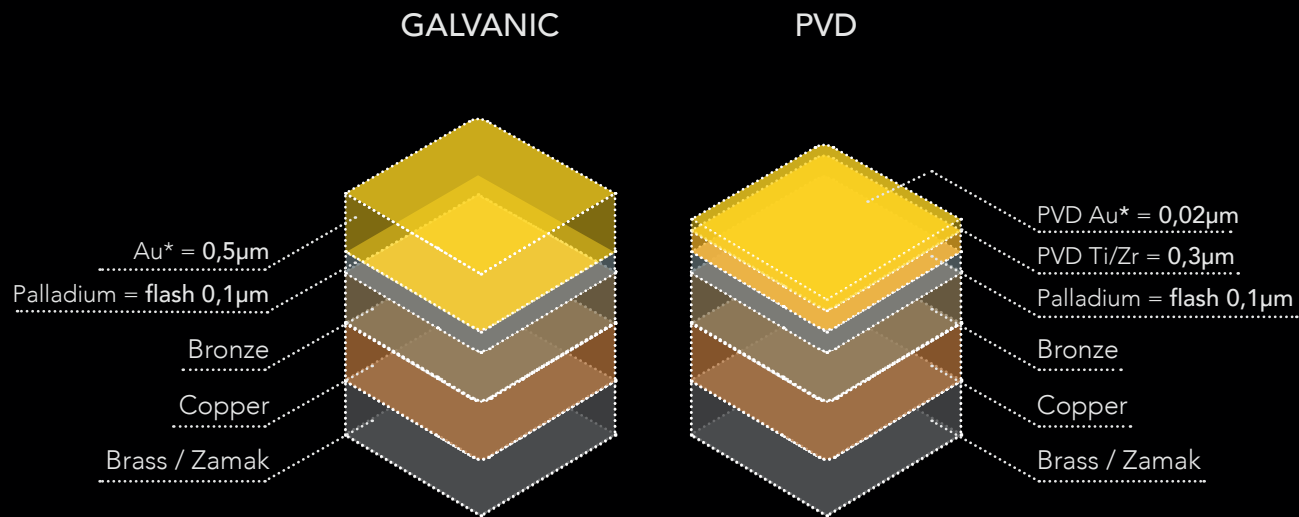
Timeless beauty,
made possible
by PVD and
Protec ST
equipment



Fashion speaks Protec.

Our PVD Technologies at the service of your luxury

Galvanic vs. PVD: the process of
creating precious metal coatings



* Example of precious metal commonly used in the fashion industry

Benefits of PVD

- Lower costs
- Less precious metal
- Less thickness
- More uniformity
- Hardness & durability
- Ecological & Sustainable

Top PVD colors demanded by luxury fashion brands

Color coordinates		L ± 1	a ± 2	b ±1
PVD 1N with Au 24k		85	5	26
PVD 1N without Au		74	5	27
Skyline Silver		55	1	31
Eclipse Black		28	0	0

Colors certified by
major fashion brands

LDE Cathodic Arc
Magnetron Sputtering HiPIMS

PVD: stronger, smarter, greener