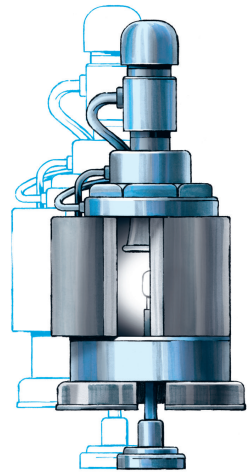
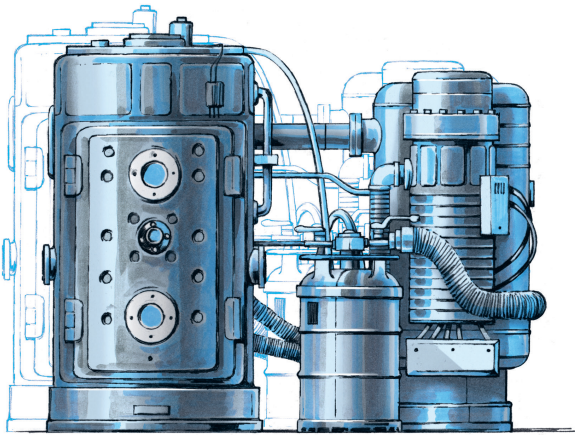


ECONORM

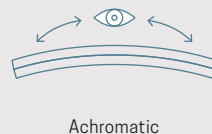
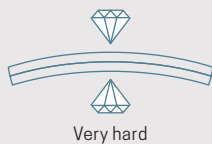


TIMSAPH
FABRICATION DE SAPHIR 100% SUISSE

SAPHIR ARdur®



A FUNCTIONAL SAPPHIRE



RESIDUAL COLOUR AVAILABLE

Colourless

Blue-Violet

OPTICAL PROPERTIES

TOTAL REFLECTION

4% (untreated sapphire ~14%)

ACHROMATIC

No iridescence or residual colour change on the product.
Angle limit 30°/35°.

MECHANICAL PROPERTIES

HARDNESS

≥ 2000 HK0.3

NANO SCRATCH TESTER (NST[®])

LC1: ≥ 50 mN (minimal scratch resistance)

LC2: ≥ 70 mN (maximal scratch resistance)

In accordance with current NIHS and ISO standards.

ANTI-STATIC

20-150 kΩ

PRODUCTION

100% in Switzerland

CHEMICAL PROPERTIES

EASE OF MAINTENANCE

Contact angle ≥ 80°, performed using ethylene glycol.

RESISTANCE TEST

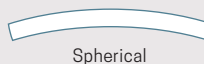
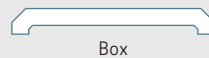
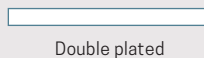
ISO 14368-4

GEOMETRIC PROPERTIES

USE

This product is not suitable for use on dials or items with openings.

FORMS PROCESSED IN SWITZERLAND



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