We are engaged in manufacturing and exporting of Optics & Thin Film Coatings with in-house optics fabrication facility, coatings design, R&D and production labs in ISO7 Clean rooms and MILC-675C compatible test facilities.
About Us

For the past four decades, HHV has been executing challenging assignments involving thin film techniques to fulfill the needs of Space, Defense, Electronics, Horology and other sectors. Its R&D team has been closely associating with world renowned scientists in thin film technology to develop advanced optical coatings and equipment in this field. In particular, HHV has repeatedly demonstrated its strength and capability to design and make intricate equipment for production of optoelectronics products to stringent specifications. A considerable reservoir of human resources, both in research and production, has been built up by the company in this demanding field. A specific, well-equipped laboratory has been set up for this purpose with product characterization facilities to carry out tests based on MIL standards. HHV not only designs and builds the coating equipment but also believes in training the users in coating technology so that they can derive maximum benefit from the equipment supplied. A few of the high-tech optoelectronic products for which HHV has developed coating techniques are:

- Operation theater reflectors
- Filters
- UV reflectors
- Infrared coatings
- Antireflection coatings
- Beam splitters
- Laser Mirrors
- Metallic coatings
- Optical windows
- Tribological Coatings

For more information, please visit
https://www.indiamart.com/hindhighvacuum/profile.html
ANTI REFLECTION COATINGS

Single Layer MgF2 Coating

Dual Band Antireflection Coating

Laser Optics Antireflection Coating

Broadband Antireflection Coatings
LASER MIRROR COATINGS

Laser Mirrors

Output Coupler

Diamond Cutting Laser Mirror

Beam Combiner
UV REFLECTORS

UV Reflector

Fiber Optic UV Curing Reflector

UV Dichroic Reflectors

UV-Transmitter / IR Blocker
OPTICAL WINDOWS

- Silicon Glass Plate
- ZnSe Window
- Quartz Glass Plate
- Germanium Window
INTERFERENCE FILTERS

Narrow Band Interference Filter

Fluorescence Filter

Quartz Crystals For Thickness Monitoring
INFRARED COATINGS

High Efficiency Infrared Anti-Reflection Coating

Antireflection Coating on Germanium

DLC Coatings On Germanium

Our Product Range
METALLIC COATINGS

Silver Mirror

Protected Aluminum Mirror

Enhanced Aluminum Mirror

Thin Film Metallisation, HMC
OTHER PRODUCTS:

- Brewster Angle Polarizer
- Beam Splitter Coatings
- Dichroic Plate Beam Splitter
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