

Light Shielding / Absorption Sheet SuperBlack IR

SuperBlack IR is a light absorbing suede film made of polyurethane resin and having abrasion resistance.

The surface of the sheet is continuously fine porous and has a large surface area, so it has excellent light absorption effect that is unparalleled.

Features

- Surface structure is continuous microporous and has excellent light absorption effect
- Spectral reflectance 1.6% or less at 250 – 2500nm
- It has abrasion resistance and easy to use
- Backside of standard sheet type has adhesive

Application

- Light shielding / absorbing material : utilizes the light absorbing effect of micro porous
 - 1) Light shielding and optical scattering prevention of optical system, optical measuring instrument, camera etc.
 - 2) Stray light removal of spectrometer and spectrophotometer
 - 3) Light shielding and prevention of internal diffuse reflection for copying machines and office automation equipment etc.
 - 4) Nonreflective sheeting and general light shielding material
- Polishing pad : utilizes abrasion resistance
- Cleaning material : utilizes micro porous and abrasion resistance
- Slip stop material : utilizes friction resistance and wear resistance

Specification

- Reflectance
 - 250–380 nm: 1.5%
 - 380–780 nm: 1.0%
 - 780–2500 nm: 1.1%
- Size
 - Standard Sheet : 450 mm × 500 mm × 0.4 mm T
(With backside adhesive)
 - Roll Type : 1 m unit × 500 mm × 0.4 mm T
(Without backside adhesive)

