

Data Sheet



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

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

Application

- O 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
- O Polishing pad: utilizes abrasion resistance
- O Cleaning material: utilizes micro porous and abrasion resistance
- O Slip stop material: utilizes friction resistance and wear resistance

Specification

O Reflectance

250-380 nm: 1.5% 380-780 nm: 1.0% 780-2500 nm: 1.1%

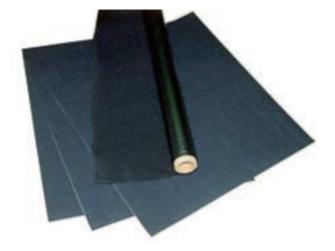
O Size

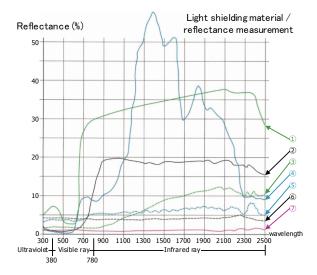
Standard Sheet: 450 mm × 500 mm × 0.4 mm T

(With backside adfesive)

: 1 m unit \times 500 mm \times 0.4 mm T Roll Type

(Without backside adfesive)





- Fine Chamois 0.8
 - P-Suede 0.25
- SUN SHUT (4116-2)
- Suede 0.9
- K30
- Hard PVC (Mat)
- Super Black IR



Systems Engineering INC.