

[See all 18 Products in Family](#)

TECHSPEC® 50mm N-SF11 MgF₂ Coated Equilateral Prism



Equilateral Prisms

Stock #49-435 **12 In Stock**

⊖ 1 ⊕ €407⁰⁰

ADD TO CART

Volume Pricing	
Qty 1-5	€407,00 each
Qty 6-25	€326,00 each
Qty 26-49	€305,25 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Equilateral Prism **Type:**

Physical & Mechanical Properties

50.00 **Length of Face (mm):**

Length (mm):

50.00

Dimensional Tolerance (mm):

±0.1

Optical Properties

Coating: MgF₂ (400-700nm)

Substrate: N-SF11

Surface Quality: 40-20

Angle Tolerance (arcmin): ±2

Image Orientation: Dispersion

Coating Specification: R_{avg} ≤ 1.75% @ 400 - 700nm

Wavelength Range (nm): 400 - 700

Power (fringes) @ 632.8nm: 2.50

Irregularity (fringes) @ 632.8nm: 0.50

Regulatory Compliance

Certificate of Conformance:

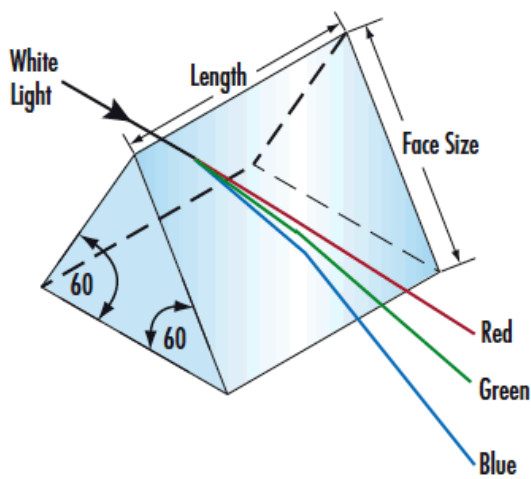
[View](#)

Product Details

- Ideal for Light Dispersion
- Sizes Ranging from 5 - 50mm
- Available Uncoated or Anti-Reflection Coated
- Additional [Equilateral Prism](#) Options Available

TECHSPEC® Equilateral Prisms feature three equal 60° angles and are often referred to as dispersing prisms. Equilateral prisms are ideal for wavelength separating applications and light dispersion. These prisms are available in sizes ranging from 5-50mm. Our TECHSPEC® Equilateral Prisms are offered uncoated or with a single layer MgF₂ anti-reflection coating. Additional [Equilateral Prism](#) options are available.

Technical Information



Coating Curves