

10mm Dia. UV Polarizing Film



Stock **#72-678** 5 In Stock

-

1

+

€33^{,50}

ADD TO CART

Volume Pricing	
Qty 1-9	€33,50 each
Qty 10-25	€26,80 each
Need More?	Request Quote

 Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

General

Linear Polarizer

Type:

Outer 0.5mm edge is not functional due to loss of

Note:

transparency during laser cutting. Delivered with protective film and paper overlayer on both sides marked to show polarization axis

Physical & Mechanical Properties

10.00 ±0.2	Diameter (mm):
0.19 (Nominal)	Thickness (mm):

Polarizing Film	Construction:
-----------------	---------------

Optical Properties

Uncoated	Coating:
1000:1 (avg @ 325nm-400nm) 6000:1 (avg @ 400nm-750nm)	Extinction Ratio:

CTA(Cellulose Triacetate)	Substrate: ☐
---------------------------	-------------------------------------

320 - 750	Wavelength Range (nm):
-----------	------------------------

39 (325nm-400nm)	Transmission, Single (%):
------------------	---------------------------

0.04 (325nm-400nm)	Transmission, Crossed (%):
--------------------	----------------------------

Environmental & Durability Factors

Heat Resistance: 70°C dry Cold Resistance: -20°C	Operating Temperature (°C):
---	-----------------------------

DIN ISO 9022-2-10-07 DIN ISO 9022-2-11-05 DIN ISO 9022-2-12-07 DIN ISO 9022-2-14-05	Environmental Durability:
--	---------------------------

15 - 25	Storage Temperature (°C):
---------	---------------------------

Regulatory Compliance

Compliant	RoHS 2015:
-----------	------------

View	Certificate of Conformance:
------	-----------------------------

Compliant	REACH 241:
-----------	------------

PRODUCT DETAILS

- High UVTransmission from 325 - 400nm
- 1000:1 Contrast From 325 - 400nm, 6000:1 Contrast From 400 - 750nm
- Thin, Versatile Polymer Substrate

Ultraviolet (UV) Linear Polarizing Film provides excellent contrast, and transmission up to 39% for P-Polarized Light in the UV and VS ranges from 325-750nm. A range of rectangular sizes are available to accommodate small and large beam diameters as well as LED light sources. Ultraviolet (UV) Linear Polarizing Films are made with a durable, robust film substrate that is flexible and can be cut to size using scissors. This polarizing film is a cost-effective alternative to glass UV polarizers, and are ideal for use in industrial sensing, spectroscopy, and microscopy applications. [Near-Infrared \(NIR\) Linear Polarizing Film](#) and Visible [TECHSPEC High Contrast Linear Polarizing Film \(XP42\)](#) are also available.