

## NEUTRAL DENSITY REFLECTIVE TYPE FILTERS AT 400 – 2000 nm

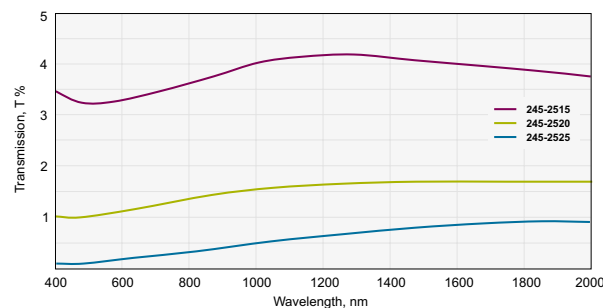
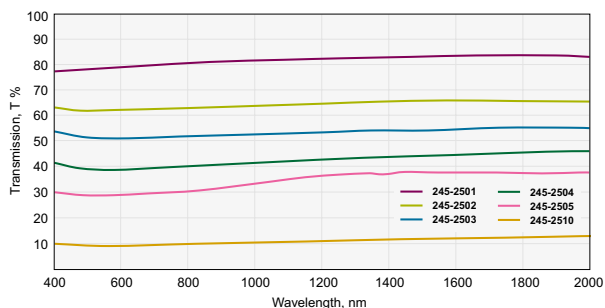
Neutral density reflective type filters of 1" (25.4 mm) size with optical density that varies from 0.1 to 2.5 are available.

Neutral density filters of Corning 7059 glass provide spectrally uniform attenuation from 400 nm to 2000 nm.

The reflective coatings enable to reduce thermal effects when these filters are used with moderate power lasers.

### Specifications

Glass Material	Corning 7059 (Borosilicate)
Surface Quality	40 – 20 scratch & dig (MIL-PRF-13830B)
Surface Flatness	$\lambda$ @ 633 nm
Parallelism	<2 arcmin
Outer Diameter	25.4 mm +0.0/-0.2 mm
Thickness	1.1 mm $\pm$ 0.1 mm
Coating	Reflective
Laser Damage Threshold	20 mJ/cm <sup>2</sup> (10 ns pulse)
Design Wavelength	400 – 2000 nm
Optical Density Tolerance	$\pm$ 10% Nominal



Optical Density	Transmission T, % @ 550 nm	Catalogue number	Price, EUR
0.1	79	<a href="#">245-2501</a>	32
0.2	63	<a href="#">245-2502</a>	32
0.3	50	<a href="#">245-2503</a>	32
0.4	40	<a href="#">245-2504</a>	32
0.5	32	<a href="#">245-2505</a>	32
1.0	10	<a href="#">245-2510</a>	32
1.5	3	<a href="#">245-2515</a>	32
2.0	1	<a href="#">245-2520</a>	32
2.5	0.3	<a href="#">245-2525</a>	32

### Related products

**Plate Clamp 830-0055**  
Find more at [EksmaOptics.com](http://EksmaOptics.com)



**Universal Plate Holder 830-0075**  
Find more at [EksmaOptics.com](http://EksmaOptics.com)



**Variable Wheel Attenuator 990-0604-02**  
Find more at [EksmaOptics.com](http://EksmaOptics.com)



**Filters Holder with 90° Flip 990-0400**  
See page 5.18

