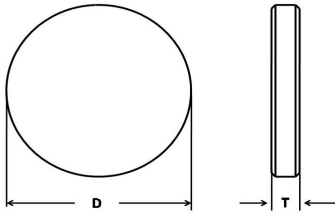


# Thin Film Plate Polarizers

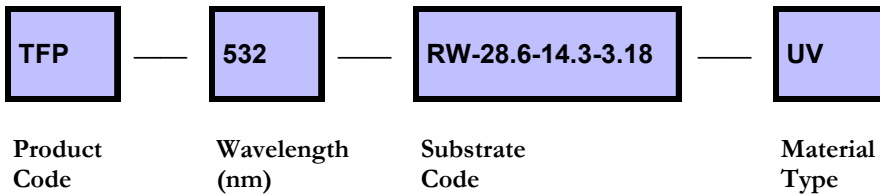
Product Code: TFP



Substrate Material: UV Fused Silica, BK-7  
 Dimension Tolerance: +0.000 /-0.010" [+0.00/-0.25mm]  
 Thickness Tolerance: +/-0.010" [+/-0.25mm]  
 Surface Quality: 10-5  
 Parallelism: ≤ 5 arc minutes  
 T<sub>p</sub>/T<sub>s</sub> : >100 (wavelength dependent)  
 Clear Aperture: ≥ central 85% of diameter  
 Chamfer: 0.38mm @ 45° typical  
 Damage Threshold: 1MW/cm<sup>2</sup> (CW); 10J/cm<sup>2</sup>, 10ns pulse typical @ 1064nm

- Wavelength specific
- Angle tuning is suggested to achieve maximum transmission (typical tuning angle is 53<sup>0</sup>-59<sup>0</sup>)
- If you are unable to find the substrate you desire, please call OptiSource Technical Sales regarding a quotation for your prototype or OEM requirement

## Order Example



### Standard Wavelengths (nm)

248.0	266.0	308.0	354.7
527.0	532.0	694.3	1053.0
1064.0			

Customer specified substrate  
(see window blanks for substrate codes)

### Material Codes

BK
UV