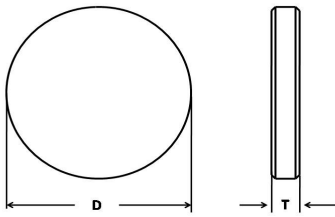


Thin Film Plate Polarizers

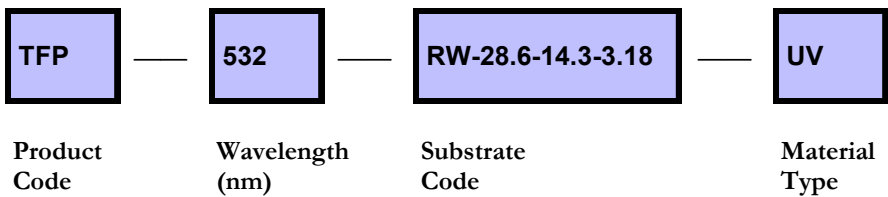
Product Code: TFP



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_p/T_s : >100 (wavelength dependent)
 Clear Aperture: ≥ central 85% of diameter
 Chamfer: 0.38mm @ 45° typical
 Damage Threshold: 1MW/cm² (CW); 10J/cm², 10ns pulse typical @ 1064nm

- Wavelength specific
- Angle tuning is suggested to achieve maximum transmission (typical tuning angle is 53⁰-59⁰)
- 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