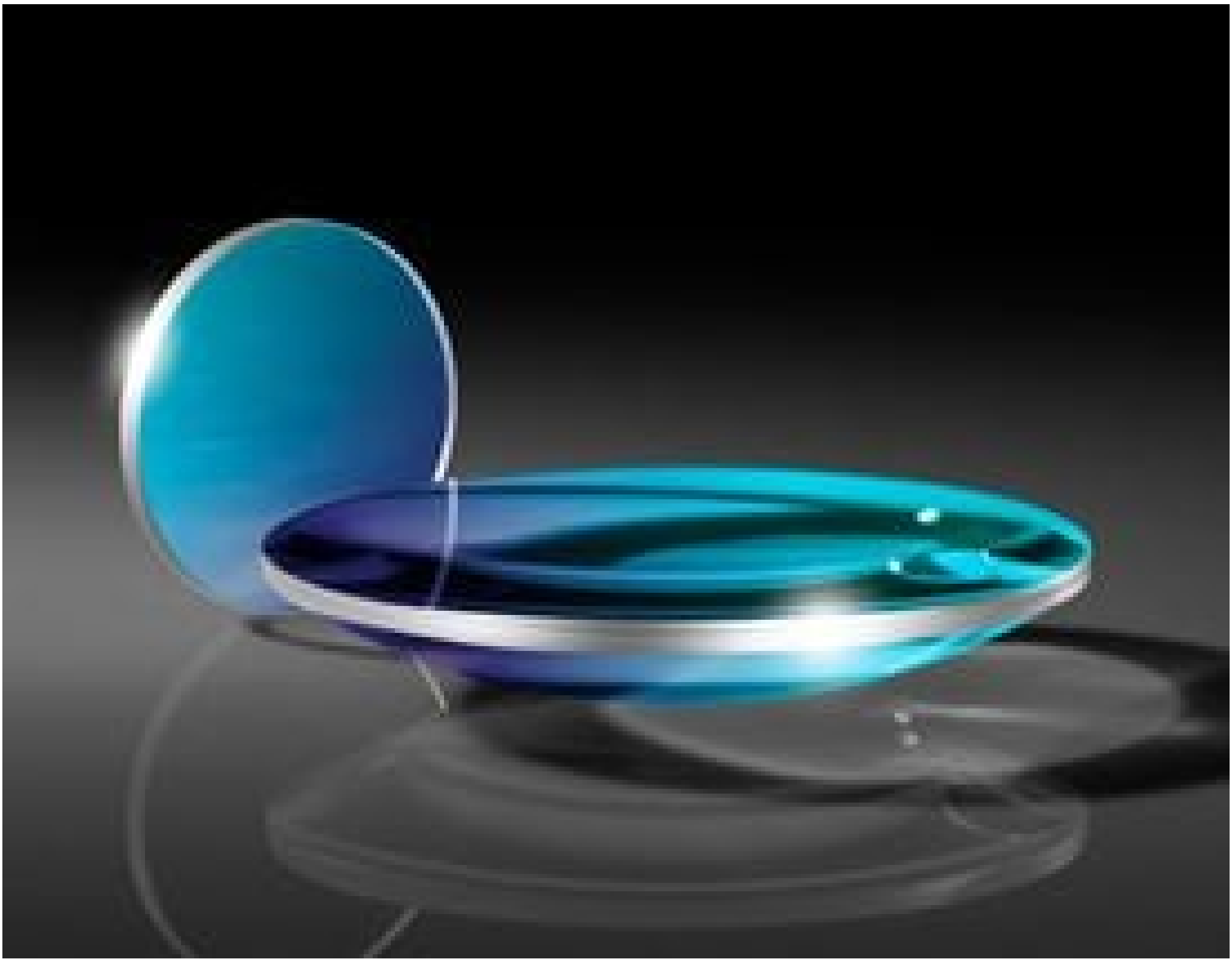
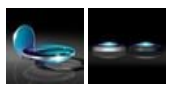
TECHSPEC 12mm Dia. x 30mm FL 405nm V-Coat, UV PCX Lens



TECHSPEC 405nm Laser Line Coated Fused Silica PCX Lenses



Stock **#34-066** 3-4 DAYS

Other Coating Options

- 1 + **£115.60**

ADD TO CART

Qty 1-5
£115.60

Qty 6+
£92.44

Volume Pricing
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Prices shown are exclusive of VAT/local taxes

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Diameter (mm):
12.00 +0.0/-0.025

Effective Focal Length EFL (mm):
30.00 @ 587.6nm

Back Focal Length BFL (mm):
27.56

Coating:
Laser V-Coat (405nm)

Coating Specification:
R_{abs} <0.25% @ 405nm

Substrate:
Fused Silica (Corning 7980)

Surface Quality:
40-20

Power (P-V) @ 632.8nm:
1.5λ

Irregularity (P-V) @ 632.8nm:
λ/4

Focal Length Tolerance (%):
±1

Centering (arcmin):
≤1

Center Thickness CT (mm):
3.55 ±0.05

Edge Thickness ET (mm):
2.17

Radius R_1 (mm):
13.75

Clear Aperture CA (mm):
11

f/#:
2.5

Numerical Aperture NA:
0.20

Design Wavelength DWL (nm):
405

Type:
Plano-Convex Lens

Bevel:
Protective bevel as needed

Edges:
Fine Ground, Protective Bevel as Needed

Damage Threshold, By Design:
3 J/cm^2 @ 405nm, 10ns

Regulatory Compliance

RoHS 2015:
Compliant

Certificate of Conformance:
View

Reach 235:
Compliant