

HR @ 206 nm IBS COATINGS	
<p>Product example:</p> <p>1" HR Mirror for UV applications Substrate material: UVFS (C7980 0F) Diameter: 25.4 mm +0/-0.1 mm Thickness: 6.35 mm +/-0.1 mm Clear aperture: >85% Surface quality, S1: 20-10 S-D per CA as per MIL-PRF-13830B Surface quality, S2: polished Surface flatness, S1: $<\lambda/8@633$ nm per CA Surface flatness, S2: NA Parallelism: <10 arcsec Protective chamfer: 0.2-0.4 x 45° Chips: <0.2 mm stoned</p> <p>Coatings (IBS): S1: HRp>93%@ 206 nm, AOI=45 deg S2: Uncoated</p>	Date 19 February 2022
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COMMENTS	
Operational conditions: 1 ps, 206 nm, 100 kHz, 25 μJ, ~2.5 W;	

S1: (arrow marks) HRp>93%@ 206 nm, AOI=45 deg
S2: Uncoated

