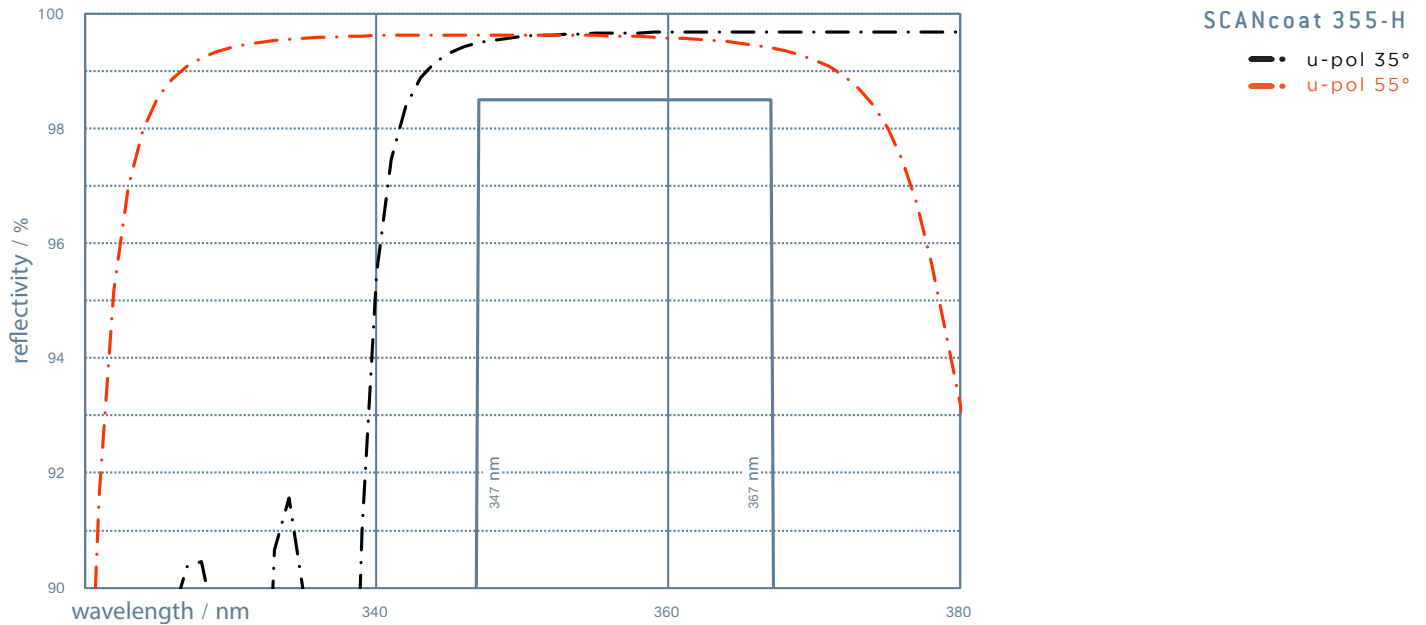


optoSiC® SCANcoat 355-H

LOW-STRESS OPTICAL COATING OPTIMIZED FOR HIGH REFLECTIVITY AT **355NM** FOR AOI OF **35°** AND **55°**, RESPECTIVELY.



355-H

		TYPICAL VALUES	
Wavelength [λ_1]	[nm]	347 ... 367	s. spectrum
Wavelength [λ_2]	[nm]	632,8	
Scan Angle	[°]	45 ±10	35 - 55
HR [λ_1] @45° u-pol	[%]	> 98,5	
R _{avg} [λ_2] @45 u-pol	[%]	> 50,0	
Powerdensity	[kW/cm ²]	n.d.	LIDT* (@355nm CW)
Damage Threshold / Energy Density	[J/cm ²]	n.d.	for pulsed 355nm radiation 10ns, 1 Hz

- Laser induced damage threshold (LIDT) is typically given as x-Watts per linear millimeter of beam radius (br) (1/e²) 310% at 45° Angle of Incidence.
- Transmission edges can vary ~ 2% from lot to lot for the given wavelength.
- All data given for ambient conditions 20-25°C, at higher temperatures thermal shifts will occur.
- Reflectivity is qualified on fused silica samples
- Measured uncertainty of HR +/- 1,0 %
- n.d. = not defined



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