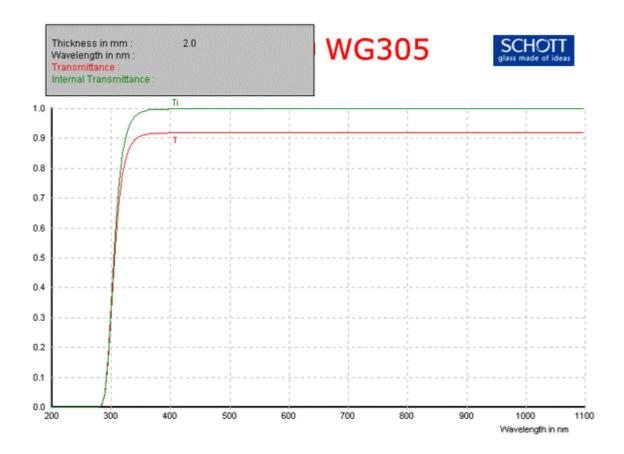


DATA SHEET SCHOTT WG305



SCHOTT					WG305			
Reflection factor Subble content Bubble class Chemical resistance FR class BR class AR class	0.92 1 0 1 1.0	$\begin{array}{lll} \textbf{Density} \\ \rho \left[g/cm^3 \right] & 2.59 \\ \textbf{Transformation temperature} \\ \textbf{Tg} \left[^{\circ} \textbf{C} \right] & 546 \\ \textbf{Thermal expansion} \\ \alpha_{*30/470^{\circ} \textbf{C}} \left[10^{-6}/\text{K} \right] & 8.2 \\ \alpha_{20/300^{\circ} \textbf{C}} \left[10^{-6}/\text{K} \right] & 9.6 \\ \textbf{Temperature coefficient} \\ \textbf{T}_{\textbf{k}} \left[\text{nm/}^{\circ} \textbf{C} \right] & 0.06 \\ \end{array}$			Per DIN 58191 Per DIN 58191 Base glass		LP 305	
Tolerances for long pass filter for thickness d = 2 mm	rs	Transmitt え[nm]	ance τ and τ	internal trans t _i	mittance τ _i a λ [nm]	at d = 2 mm τ	τ,	
$\lambda_{-} (\tau_{-} = 0.5 \text{ mm}) \text{ [nm]}$	305+4/-8	200	<1.10.5	<1.10.5	700	0.92	1.00	
_C (τ _i = 0,5 mm) [nm] _S (τ _{iS} = 1·10 ⁻⁵) [nm] _p (τ _{ip} = 0.99)[nm]	260	210	<1.10.6	<1.10.5	710	0.92	1.00	
$\tau_{\rm c} = 0.99 \text{ l/nml}$	370	220	<1.10-5	<1.10.5	720	0.92	1.00	
(up = 0.00 Armi)		230	<1.10-5	<1.10-5	730	0.92	1.00	
		240	<1.10-5	<1.10-6	740	0.92	1.00	
		250	<1.10-5	<1.10-5	750	0.92	1.00	
		260	<1.10.5	<1.10-5	760	0.92	1.00	
		270	<1.10.5	<1.10.6	770	0.92	1.00	
		280	8-10-4	9-10-4	780	0.92	1.00	
efractive index n		290	0.04	0.04	790	0.92	1.00	
[nm] Element	n	300	0.29	0.31	800	0.92	1.00	
5 Ha	1.54	310	0.60	0.65	850	0.92	1.00	
37.6 He	1.52	320	0.78	0.85	900	0.92	1.00	
014 Hg	1.51	330	0.86	0.94	950	0.92	1.00	
		340	0.89	0.97	1000	0.92	1.00	
		350	0.91	0.99	1060	0.92	1.00	
istimulus values		360	0.91	0.99	1100	0.92	1.00	
d x y	Y λ _d P _e	370	0.92	1.00	1200	0.92	1.00	
[mm]	Υ λ _υ P _e [nm]	380	0.92	1.00	1300	0.92	1.00	
1		390	0.92	1.00	1400	0.92	1.00	
856 2		400	0.92	1.00	1500	0.92	1.00	
. 3		410	0.92	1.00	1600	0.92	1.00	
5		420	0.92	1.00	1700	0.92	1.00	
1		430	0.92	1.00	1800	0.91	0.99	
200 2		440	0.92	1.00	1900	0.91	0.99	
3		450	0.92	1.00	2000	0.91	0.99	
5		460	0.92	1.00	2100	0.90	0.98	
1		470	0.92	1.00	2200	0.89	0.97	
66 2		480	0.92	1.00	2300	0.88	0.96	
3		490	0.92	1.00	2400	0.88	0.96	
5		500	0.92	1.00	2500	0.87	0.95	
		510	0.92	1.00	2600	0.86	0.94	
oplication notes		520	0.92	1.00	2700	0.86	0.93	
ong pass filter		530	0.92	1.00	2800	0.42	0.46	
see section 6.7.1		540	0.92	1.00	2900	0.41	0.45	
		550	0.92	1.00	3000	0.40	0.43	
		560	0.92	1.00	3200	0.33	0.36	
		570	0.92	1.00	3400	0.27	0.29	
		580	0.92	1.00	3600	0.25	0.27	
		590	0.92	1.00	3800	0.27	0.29	
		600	0.92	1.00	4000	0.26	0.28	
		610	0.92	1.00	4200	0.19	0.21	
		620	0.92	1.00	4400	0.06	0.07	
		630	0.92	1.00	4600	0.004	0.004	
		640	0.92	1.00	4800	5:10-5	5.10.5	
		650	0.92	1.00	5000	<1.10-6	<1.104	
		660	0.92	1.00	5200	<1.10.5	<1-104	
					0200			
		670	0.92	1.00	0200			
tatus June 1997					0200			

WHILE EVERY ATTEMPT HAS BEEN MADE TO VERIFY THE SOURCE OF THE INFORMATION, NO RESPONSIBILITY IS ACCEPTED FOR ACCURACY OF DATA.

UQG LTD, THE NORMAN INDUSTRIAL ESTATE, 99-101 CAMBRIDGE ROAD, MILTON, CAMBRIDGE, CB4 6AT, ENGLAND. TEL: +44 (0) 1223 420329 FAX: +44 (0) 1223 420506