

# Fluorescence Filters

## Generall Parameters

The strong points of our flourescent filters are their high gap edge angles and their precise supression.

Size tolerance:	+0.0 -0.2mm
Thickness:	1.0mm - 9.0mm
Clear Aperture (CA) for A:	> 12mm
Clear Aperture (CA) for B:	> 22mm
Clear Aperture (CA) for C:	> 49x49mm

## Stock program

**ATTENTION!** Other sizes are, due to our flexible stock program available at short notice mostly without an price increase.

CWL [nm]	HW [nm]	Transmit. [T%]	Blocking xray	Type	Order No. ø15mm	Order No. ø25mm	Order No. 50x50mm or ø50mm
360 +0, -5	35 ±3,5	345	3925nm	-	bk-360-F-A	bk-360-F-B	bk-360-F-C
425 +5, -0	35 ±3,5	350	3925nm	-	bk-430-F-A	bk-430-F-B	bk-430-F-C
460 +5, -0	35 ±3,5	350	3925nm	-	bk-465-F-A	bk-465-F-B	bk-465-F-C
485 +0, -5	20 ±2,0	360	3925nm	FAM	bk-485-F-A	bk-485-F-B	bk-485-F-C
530 +0, -5	25 ±2,5	360	3925nm	FAM	bk-530-F-A	bk-530-F-B	bk-530-F-C
530 +5, -0	25 ±2,5	360	3925	HEX(TET)	bk-532-F-A	bk-532-F-B	bk-532-F-C
535 +0, -5	15 ±1,5	360	31,2	HEX	bk-535-F-A	bk-535-F-B	bk-535-F-C
540 +0, -5	25 ±2,5	360	3925	HEX	bk-540-F-A	bk-540-F-B	bk-540-F-C
550 +0, -5	10 ±1,0	350	31,2	TAM	bk-550-F-A	bk-550-F-B	bk-550-F-C
550 +0, -5	15 ±1,5	360	31,2	TAM	bk-552-F-A	bk-552-F-B	bk-552-F-C
575 +5, -0	25 ±2,5	360	31,2	HEX	bk-575-F-A	bk-575-F-B	bk-575-F-C
580 +5, -0	10 ±1,0	350	31,2	ROX	bk-585-F-A	bk-585-F-B	bk-585-F-C
580 +0, -5	15 ±1,5	360	31,2	ROX	bk-580-F-A	bk-580-F-B	bk-580-F-C
590 +0, -5	20 ±2,0	365	31,2	TAM(TET)	bk-590-F-A	bk-590-F-B	bk-590-F-C
590 +5, -0	35 ±3,5	365	3925	-	bk-595-F-A	bk-595-F-B	bk-595-F-C
615 +0, -5	25 ±2,5	360	31,2	CY5	bk-615-F-A	bk-615-F-B	bk-615-F-C
620 +5, -0	35 ±3,5	365	3925	ROX	bk-625-F-A	bk-625-F-B	bk-625-F-C
630 +5, -0	35 ±3,5	365	3925	-	bk-635-F-A	bk-635-F-B	bk-635-F-C
645 +5, -0	40 ±4,0	365	3925	-	bk-650-F-A	bk-650-F-B	bk-650-F-C
665 +5, -0	25 ±2,5	360	31,2	CY5	bk-665-F-A	bk-665-F-B	bk-665-F-C