

ND filter Chart

No filter	1/8000s	1/4000s	1/2000s	1/1000s	1/500s	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	No filter
1 stop	1/4000s	1/2000s	1/1000s	1/500s	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1min	1 stop
2 stop	1/2000s	1/1000s	1/500s	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1min	2min	2 stop
3 stop	1/1000s	1/500s	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1min	2min	4min	3 stop
4 stop	1/500s	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1min	2min	4min	8min	4 stop
5 stop	1/250s	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1min	2min	4min	8min	16min	5 stop
6 stop	1/125s	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1min	2min	4min	8min	16min	32min	6 stop
7 stop	1/60s	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1min	2min	4min	8min	16min	32min	1hr 4min	7 stop
8 stop	1/30s	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1min	2min	4min	8min	16min	32min	1hr 4 min	2hr 8min	8 stop
9 stop	1/15s	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1min	2min	4min	8min	16min	32min	1hr 4 min	2hr 8min	4hr 16 min	9 stop
10 stop	1/8s	1/4s	1/2s	1s	2s	4s	8s	15s	30s	1min	2min	4min	8min	16min	32min	1hr 4 min	2hr 8min	4hr 16 min	8hr 32min	10 stop

<http://blackwhite-photography.net>

The first line is the exposure time without the filter.

First decide what is the desired exposure time or f-stop. Use the camera AV mode to find the correct exposure for your settings. Then switch to manual mode.

Set the same aperture as you used in AV mode and set the exposure time corresponding your filter strength.

More information at www.blackwhite-photography.net

