

| Wratten                  | 0%<br>(nm)     | 50%<br>(nm) | Schott-Glass<br>equivalent* | B+W | Heliopan<br>FS/EAN-FS | Cokin | Hoya   | Wratten  |
|--------------------------|----------------|-------------|-----------------------------|-----|-----------------------|-------|--------|----------|
| <b>UV - PASS</b>         |                |             |                             |     |                       |       |        |          |
| /18A                     | 280/410        | 320/380     | UG1                         | 403 | -                     | -     | U360   | 18A      |
| -                        | 300/-          | 330/430     | UG3                         | 484 | -                     | -     | -      | -        |
| <b>IR - BLOCK</b>        |                |             |                             |     |                       |       |        |          |
| 43/44(A)                 | 280/975        | 310/725     | KG3                         | 489 | 8103/103              | -     | -      | 43/44(A) |
| <b>YELOW</b>             |                |             |                             |     |                       |       |        |          |
| /!3                      | 440            | 460         | GG455                       | 021 | -                     | -     | -      | 3        |
| 5                        | ?              | ?           | -                           | -   | 1005/105              | -     | -      | 5        |
| !6                       | 240            | 470         | GG475?                      | -   | -                     | -     | -      | 6        |
| /!8                      | 460            | 500         | GG495                       | 022 | 1008/108              | 001   | K2     | 8        |
| 9                        | 465            | 520         | OG515?                      | 023 | -                     | -     | -      | 9        |
| /!11                     | (yellow/green) |             | -                           | -   | 1011/111              | -     | -      | 11       |
| /!12                     | 495            | 530         | OG530                       | 099 | 1012/112              | -     | (Y-52) | 12       |
| /15                      | 505            | 530         | -                           | -   | 1015/115              | -     | -      | 15       |
| <b>ORANGE</b>            |                |             |                             |     |                       |       |        |          |
| /!16                     | 520            | 540         | OG550                       | 040 | -                     | -     | -      | 16       |
| !21                      | 530            | 560         | -                           | -   | -                     | 002   | G      | 21       |
| 22                       | 550            | 570         | OG570                       | 041 | 1022/122              | -     | -      | 22       |
| /!23A                    | 560            | 580         | -                           | -   | -                     | -     | (O-58) | 23A      |
| <b>RED (VISIBLE)</b>     |                |             |                             |     |                       |       |        |          |
| /!25                     | 580            | 600         | OG590                       | 090 | 1025/125              | 003   | 25A    | 25       |
| /!29                     | 600            | 620         | RG630                       | 091 | 1029/129              | -     | -      | 29       |
| !70                      | 645            | 675         | RG665?                      | -   | -                     | -     | -      | 70       |
| /!-89B                   | 680            | 720         | RG695                       | 092 | 5695/569              | 007   | R72    | 89B      |
| -88                      | 700            | 735         | -                           | -   | -                     | -     | -      | 88       |
| <b>INFRARED (OPAQUE)</b> |                |             |                             |     |                       |       |        |          |
| -88A                     | 720            | 750         | RG715                       | -   | 5715/571              | -     | -      | 88A      |
| /!87                     | 740            | 795         | RG780                       | -   | 5780/578              | -     | -      | 87       |
| !87C                     | 790            | 850         | RG830                       | 093 | 5830/583              | -     | -      | 87C      |
| -87B                     | 820            | 930         | RG850?                      | -   | 5850/585              | -     | RM90   | 87B      |
| -87A                     | 880            | 1050        | RG1000                      | 094 | 5100/510              | -     | RM100  | 87A      |
| Wratten                  | 0%<br>(nm)     | 50%<br>(nm) | Schott-Glass<br>equivalent* | B+W | Heliopan              | Cokin | Hoya   | Wratten  |

\* = according to B+W & Heliopan.

? = all UV short pass filters also transmit IR!

use additional IR-block filter for recording only UV, like the B+W #489

- = no longer made by Kodak in gelatine! (gel alternative below)

/ = available as thin polyester

! = available as custom order chromatic resin CR-39 in Cokin-A or -P size, see below

The 18A/UV-pass equivalent comes in gelatine-only, and has slightly different spectral properties:

1) a lower maximum transmission (12.6% @325nm vs 52.5% @360nm with Kodak/B+W, hence 2 stops difference)

2) yet also deeper into UV (0% at 370nm vs 400nm with Kodak/B+W)