

REVELADO DE PELICULA EN B/N

- **Continúa agitación**

**** Todos los tiempos se toman para revelar a 20° centígrados.**

PATERSON ACUPAN FILMS

ACUPAN 100

REVELADOR	ASA	MINUTOS
FX39 (1+9)	200	4

ACUPAN 800

FX39 (1+9)	800	10
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AGFA

AGFA ORTHO

REVELADOR	ASA	MINUTOS
Neutol NE	25	2-4
Refinal	25	10
Rodinal (1+10)	25	4

AGFAPAN 400

REVELADOR	ASA	MINUTOS
A-110 (1+9)	400	6
A-110 (1+9)	800	9
A-110 (1+9)	1600	16
A-110 (1+9)	3200	20
A-110 (1+9)	6400	4
ACU-1 (1+5)	650	7.5 (21C)
Acufine	500	4 (21C)

REVELADOR	ASA	MINUTOS	
Aculux (1+9)	500	9	
Acuspeed (1+7)	1250	12	
Acutol (1+10)	640	10	
Acutol (1+15)	640	15	
Acutol (1+20)	640	20	
Atomal	400	10	
Atomal	500	11	
Atomal	800	13	
Atomal	1600	16	
Clayton F60 (1+9)	400	7.5	
D-76	400	10	
D-76 (1+1)	400	14	
Ethol Blue (1+60)	400	12.5	(21C)
Ethol TEC (1+15)	1000	11	(21C)
Ethol UFG	1280	6	(21C)
FG7 (1+3)	200	6	(21C)
FG7 (1+15)	200	17	(21C)
FG7 (1+15S)	200	9	(21C)
Gamma Plus (1+7)	400	6	
Gamma Plus (1+12)	400	9	
Gamma Plus (1+20)	400	14.5	
HC-110 (Dil.B)	400	6	
Heico OS (1+10)	400	7.25	
ID-11 (1+1)	400	11	
Ilfosol S (1+9)	400	12	
Ilfotec LC29 (1+29)	400	15	
Microdol-X	400	13	
Microdol-X (1+3)	400	22	
Microphen (1+1)	400	11	
Perceptol (1+1)	400	16	
Refinal	400	6	
Refinal	800	16	
Rodinal (1+25)	320	7	
Rodinal (1+25)	400	8	
Rodinal (1+50)	320	11	
Studional/Rodinal Special	400	4.5	
TMax Dev (1+4)	400	7	
TMax RS	400	6	
Xtol	100/200	6.5	
Xtol	400	8	
Xtol	800	9.75	
Xtol	1600	12.25	
Xtol	3200	14.5	
Xtol (1+1)	100/200	10.5	
Xtol (1+1)	400	12	
Xtol (1+1)	800	14.5	
Xtol (1+1)	1600	18	
Xtol (1+1)	3200	21.5	
Xtol (1+2)	100/200	13.5	
Xtol (1+2)	400	15.75	
Xtol (1+2)	800	19	
Xtol (1+2)	1600	23	
Xtol (1+3)	100/200	16.5	
Xtol (1+3)	400	19.25	
Xtol (1+3)	800	22.5	
Xtol (1+3)	1600	28.5	

AGFAPAN 100

REVELADOR	ASA	MINUTOS
A-110 (1+9)	100	5
A-110 (1+9)	200	6.3
A-110 (1+9)	400	9

AGFAPAN APX 100

REVELADOR	ASA	MINUTOS
ACU-1 (1+10)	320	12 (21C)
Acufine	160	5 (21C)
Aculux (1+9)	125	8
Acuspeed (1+7)	250	9
Acutol (1+10)	160	8
Acutol (1+15)	160	12
Acutol (1+20)	160	16
Atomal	100	9
Atomal	160	13
Atomal	200	14
D-76	100	8
D-76 (1+1)	100	12
Ethol Blue (1+30)	200	4.75 (21C)
Ethol TEC (1+15)	250	17.75 (21C)
Ethol TEC	160	13.25 (21C)
Ethol UFG	160	5 (21C)
FG7 (1+3)	80	4.25 (21C)
FG7 (1+15)	80	10 (21C)
FG7 (1+15S)	80	6.5 (21C)
FX39 (1+9)	100	8
Gamma Plus (1+7)	100	5
Gamma Plus (1+12)	100	8
Gamma Plus (1+20)	100	10.5
HC110 (B)	100	7
Heico OS (1+10)	100	7
ID-11 (1+1)	100	11
Ilfosol S (1+9)	100	7.5
Ilfotec LC29 (1+29)	100	12
Microdol-X	100	13
Microdol-X (1+3)	100	20
Microphen (1+1)	100	10.5
Perceptol (1+1)	100	12
Refinal	100	5
Refinal	125	6
Refinal	200	9
Rodinal (1+25)	100	8
Rodinal (1+25)	200	11
Rodinal (1+50)	125	17
Studional/Rodinal Special	125	4
Studional/Rodinal Special	200	6
TMax Dev (1+4)	100	6.5
TMax RS	100	5
Xtol	25/50	5.75
Xtol	100	6.75
Xtol	200	8.75
Xtol	400	11
Xtol	800	13
Xtol (1+1)	25/50	8

REVELADOR	ASA	MINUTOS
Xtol (1+1)	100	9.75
Xtol (1+1)	200	12
Xtol (1+1)	400	15.5
Xtol (1+1)	800	22
Xtol (1+2)	25/50	12
Xtol (1+2)	100	13.75
Xtol (1+2)	200	15.25
Xtol (1+2)	400	18.75
Xtol (1+2)	800	23
Xtol (1+3)	25/50	15.25
Xtol (1+3)	100	17.25
Xtol (1+3)	200	19.5
Xtol (1+3)	400	23
Xtol (1+3)	800	29

AGFAPAN APX 25

REVELADOR	ASA	MINUTOS
ACU-1 (1+10)	80	12 (21C)
Acufine	64	4.25 (21C)
Aculux (1+9)	32	7
Acutol (1+10)	40	6
Acutol (1+15)	40	9
Acutol (1+20)	40	12
Atomal	25	10
Atomal	50	17
D-76 (1+1)	25	11
D-76	25	7
Ethol Blue (1+30)	64	5 (21C)
Ethol TEC	64	15 (21C)
Ethol TEC	80	17.75 (21C)
Ethol UFG	40	4.75 (21C)
Ethol UFG	80	5.75 (21C)
FG7 (1+15)	25	7.25 (21C)
FG7 (1+15S)	25	6 (21C)
FG7 (1+3)	25	4.5 (21C)
FX39 (1+9)	25	5
Gamma Plus (1+7)	25	5
Gamma Plus (1+12)	25	8
Gamma Plus (1+20)	25	10.5
HC110 (B)	25	6
Heico OS (1+10)	25	4.75
ID-11 (1+1)	25	10
Ilfosol S (1+9)	25	5
Ilfotec LC29 (1+29)	25	13
Microdol-X (1+3)	25	18
Microdol-X	25	12
Microphen (1+1)	25	7.5
Perceptol (1+1)	25	14
Refinal	25	6
Refinal	50	10
Rodinal (1+25)	20	6
Rodinal (1+25)	25	7
Rodinal (1+50)	25	10
Studional/RodinalSpecial	25	4
Studional/RodinalSpecial	50	7
TMax Dev (1+4)	25	6.5

REVELADOR	ASA	MINUTOS
TMax RS	25	5
Xtol	100	10.25
Xtol	12	3.75
Xtol	25	4.75
Xtol	50	6.5
Xtol (1+1)	100	10.5
Xtol (1+1)	12	5
Xtol (1+1)	200	14.5
Xtol (1+1)	25	6
Xtol (1+1)	50	8
Xtol (1+2)	100	14
Xtol (1+2)	12	7.75
Xtol (1+2)	200	17
Xtol (1+2)	25	9.25
Xtol (1+2)	50	11
Xtol (1+3)	100	17.5
Xtol (1+3)	12	10.25
Xtol (1+3)	200	21.5
Xtol (1+3)	25	11.75
Xtol (1+3)	50	14

AGFAPAN APX 400

REVELADOR	ASA	MINUTOS
FX39 (1+9)	400	11
Refinal	400	6
Rodinal (1+25)	320	7
Rodinal (1+50)	320	11

FOMA FILMS

REVELADOR	ASA	MINUTOS
<u>Fomapan 100</u>		
Acufine	100	3 ½
D-76/ID11	100	8
D-76/ID11 (1+1)	100	10
FG-7 (1+3)	100	3 ½
Ilford Universal (1+9)	100	7
Microdol-X	100	12
Microphen	100	7
Rodinal (1+50)	100	10
Sprint Standard (1+9)	100	10
T-Max RS (1+4)	100	5 ½

Fomapan T200

Acufine	200	3
D-76/ID11	200	5
D-76/ID11 (1+1)	200	7
FG-7 (1+3)	200	3
HC-110 (B)	200	3 ½

REVELADOR	ASA	MINUTOS
Iford Universal (1+9)	200	5
Microdol-X	200	9
Microphen	200	5
Perceptol	200	9
Rodinal (1+50)	200	8
Sprint Standard (1+9)	200	7
T-Max RS (1+4)	200	4 ½

Fomapan 400

D-76/ID11	400	10
D-76/ID11 (1+1)	400	13
Microphen	400	10
Iford Universal (1+9)	400	10
Sprint Standard (1+9)	400	13
Microdol - X	400	15
Rodinal (1+50)	400	13
Acufine	400	6
FG-7 (1+3)	400	4 ½
T-Max RS (1+4)	400	8

Fomapan T800

Acufine	800	5
D-76/ID11	800	10
D-76/ID11 (1+1)	800	13
FG-7 (1+3)	800	3 ½
HC-110 (B)	800	6
Iford Universal (1+9)	800	10
Microdol - X	800	15
Microphen	800	10
Perceptol	800	15
Rodinal (1+50)	800	13
Sprint Standard (1+9)	800	13
T-Max RS (1+4)	800	8

FORTE FILMS

REVELADOR	ASA	MINUTOS
<u>Fortepan 100</u>		
D76	100	7
D-76(1+1)	100	10.5
FD-20	100	7
FD-20(1+1)	100	10.5
Gamma Plus (1+7)	100	6
Gamma Plus (1+12)	100	8
Gamma Plus (1+20)	100	11
HC110(B)	100	4
ID11	100	7
Microdol X	50	9
Microdol X	100	11.5
Negafort	100	7

REVELADOR	ASA	MINUTOS
Rodinal (1+25)	100	5
T-Max	100	5.5
<u>Fortepan 200</u>		
Gamma Plus (1+7)	200	8
Gamma Plus (1+12)	200	10.5
Gamma Plus (1+20)	200	14
<u>Fortepan 400</u>		
Gamma Plus (1+7)	400	9
Gamma Plus (1+12)	400	11.5
Gamma Plus (1+20)	400	15

FUJI NEOPAN

FUJI NEOPAN 100 PRESTO

REVELADOR	ASA	MINUTOS
D-76	100	7.25
D-76	200	10
D-76 (1+1)	100	9.5
Fujidol	100	7.25
Fujidol (1+1)	100	10
HC-110 (B)	100	5.25
ID11	100	7
Microdol-X	100	11
Microfine	100	9
Perceptol	100	10
SPD	100	4
SPD	200	7.5
SPD (1+1)	100	6.5
Super Fujidol	100	7
TMax Dev	100	6

FUJI NEOPAN 100SS

REVELADOR	ASA	MINUTOS
Gamma Plus (1+7)	100	5
Gamma Plus (1+12)	100	7
Gamma Plus (1+20)	100	11
HC-110 (Dil. B)	100	7
ID-11/D-76	100	8
ID-11/D-76 (1+1)	100	10
Microfine	100	9.5
Rodinal (1+25)	100	7

FUJI NEOPAN 1600

REVELADOR	ASA	MINUTOS
ACU-1 (1+5)	1600	5.75
ACU-1 (1+10)	2400	14.5 (21C)
Acufine	1600	4 (21C)
Aculux (1+9)	800	12
Aculux (1+9)	1600	15
Acuspeed (1+7)	2000	12
D-76	400	4
D-76	800	5
D-76	1600	7.5
D-76	3200	15
D-76 (1+1)	400	5.5
D-76 (1+1)	800	7
D-76 (1+1)	1600	9
D-76 (1+3)	800	11.5
D-76 (1+3)	1600	15.25
Ethol Blue (1+30)	2400	7.25 (21C)
Ethol TEC (1+15)	1600	24 (21C)
Ethol TEC (1+15)	2400	27 (21C)
Ethol UFG	1600	4 (21C)
Ethol UFG	2400	5 (21C)
FG7 (1+3)	1000	3.75 (21C)
FG7 (1+15)	1000	11 (21C)
FG7 (1+15S)	1000	6.5 (21C)
Fujidol	800	4.75
Fujidol	1600	6.5
Fujidol	3200	11
Fujidol (1+1)	400	4.75
Fujidol (1+1)	800	6
Fujidol (1+1)	1600	9
Fujidol (1+3)	400	8.25
Fujidol (1+3)	800	10.5
Fujidol (1+3)	1600	14
FX39 (1+9)	1600	5
Gamma Plus (1+7)	1600	4.5
Gamma Plus (1+12)	1600	6.5
Gamma Plus (1+20)	1600	10.5
HC-110 (Dil.B)	800	4.75
HC-110 (Dil.B)	1600	7
ID-11	800	4.5
ID-11	1600	6.5
Microdol-X	400	6.5
Microdol-X	800	8.25
Microdol-X	1600	10.5
Microfine	250	5
Microfine	400	6
Microfine	800	8
Microfine (1+1)	250	6
Microfine (1+1)	400	6.75
Microfine (1+1)	800	8.75
Microfine (1+3)	400	10
Microfine (1+3)	800	13
Microphen	1600	3.25
Microphen	3200	5.75
Pandol	1600	4
Pandol	3200	9
Rodinal (1+25)	1600	5
Rodinal (1+50)	1600	8
SPD	1600	4.25

REVELADOR	ASA	MINUTOS
SPD	3200	8
SPD (1+1)	1600	6.5
SPD (1+1)	3200	15
SPD (1+1)	800	4.5
SPD (1+3)	1600	12
SPD (1+3)	800	7.75
TMax Dev (1+4)	1600	4.5
TMax Dev (1+4)	3200	10
TMax RS	1600	5
TMax RS	3200	9.5
Xtol	200	4
Xtol	400	4.5
Xtol	800	5
Xtol	1600	5.75
Xtol	3200	6.5
Xtol	6400	7.25
Xtol (1+1)	200	5.5
Xtol (1+1)	400	6
Xtol (1+1)	800	6.75
Xtol (1+1)	1600	7.5
Xtol (1+1)	3200	8.5
Xtol (1+1)	6400	9.75
Xtol (1+2)	200	7
Xtol (1+2)	400	7.75
Xtol (1+2)	800	8.5
Xtol (1+2)	1600	10
Xtol (1+2)	3200	11.25
Xtol (1+2)	6400	13
Xtol (1+3)	200	9.25
Xtol (1+3)	400	10.25
Xtol (1+3)	800	11.5
Xtol (1+3)	1600	13
Xtol (1+3)	3200	14.75
Xtol (1+3)	6400	16.5

FUJI NEOPAN 400

REVELADOR	ASA	MINUTOS
ACU-1 (1+5)	400	5.75
ACU-1 (1+10)	800	12.75 (21C)
Acufine	400	3.25
Acufine	800	4.5
Acufine	1600	7
Aculux (1+9)	500	12
Acuspeed (1+7)	1250	14
Acutol (1+10)	640	8.5
Acutol (1+15)	640	12.5
Acutol (1+20)	640	17
Clayton F60 (1+9)	400	6
D-76/ID-11	250	6.5
D-76/ID-11	400	7.5
D-76/ID-11	800	8.75
D-76/ID-11	1600	13.5
D-76/ID-11 (1+1)	400	9.5
D-76/ID-11 (1+1)	800	13
Ethol Blue (1+30)	800	7 (21C)
Ethol TEC (1+15)	500	14 (21C)
Ethol TEC (1+15)	1000	18 (21C)

REVELADOR	ASA	MINUTOS	
Ethol UFG	640	5	(21C)
Ethol UFG	1000	5.5	(21C)
FG7 (1+3)	320	4.5	(21C)
FG7 (1+15)	320	11.5	(21C)
FG7 (1+15S)	320	7.75	(21C)
Fujidol	400	6.5	
Fujidol	800	8.25	
Fujidol	1600	12	
FX39 (1+9)	400	10	
Fujidol (1+1)	400	9	
HC110 (Dil.B)	400	5	
HC110 (Dil.B)	800	7.25	
HC110 (Dil.B)	1600	12	
Heico OS (1+10)	400	5.75	
ID-11	400	7	
ID-11	800	8.5	
ID-11	1600	12.5	
Microdol-X	200	8.5	
Microdol-X	400	10	
Microphen	400	4.25	
Microphen	800	5.75	
Microphen	1600	8.5	
Microphen	3200	16	
Pandol	800	6	
Pandol	1600	9	
Pandol	3200	16	
Rodinal (1+25)	400	6	
Rodinal (1+50)	400	11	
SPD	400	4.25	
SPD	800	5.75	
SPD	1600	9	
SPD	3200	16	
SPD (1+1)	400	7	
TMax Dev (1+4)	400	6	
TMax Dev (1+4)	800	7.5	
TMax Dev (1+4)	1600	10	
TMax RS	400	5.5	
TMax RS	800	6.5	
TMax RS	1600	9.5	
Xtol	100/200	7.5	
Xtol	400	8.25	
Xtol	800	9.75	
Xtol	1600	11.5	
Xtol	3200	13.5	
Xtol (1+1)	100/200	8.25	
Xtol (1+1)	400	9.75	
Xtol (1+1)	800	11.5	
Xtol (1+1)	1600	13.5	
Xtol (1+1)	3200	16.5	
Xtol (1+2)	100/200	11	
Xtol (1+2)	400	12.5	
Xtol (1+2)	800	14.5	
Xtol (1+2)	1600	17	
Xtol (1+2)	3200	20.5	
Xtol (1+3)	100/200	13.5	
Xtol (1+3)	400	15.75	
Xtol (1+3)	800	18.5	
Xtol (1+3)	1600	22.5	
Xtol (1+3)	3200	26	

FUJI NEOPAN F

REVELADOR	ASA	MINUTOS
Microfine	32	9

ILFORD

ILFORD DELTA 100 PRO

REVELADOR	ASA	MINUTOS
ACU-1 (1+10)	100	8 (21C)
Acufine	200	5.5
Acutol (1+10)	100	8
D-76	50	7
D-76	100	9
D-76	200	11
D-76 (1+1)	50	9.5
D-76 (1+1)	100	12
D-76 (1+1)	200	14
D-76 (1+3)	50	14
D-76 (1+3)	100	22
Ethol Blue (1+30)	100	6 (21C)
Ethol TEC (1+15)	100	15 (21C)
Ethol UFG	100	5.5 (21C)
FG7 (1+3)	100	4 (21C)
FG7 (1+15)	100	10 (21C)
FG7 (1+15S)	100	7 (21C)
FX39 (1+9)	100	7
Gamma Plus (1+7)	100	4
Gamma Plus (1+12)	100	6
Gamma Plus (1+20)	100	8.5
HC110 (Dil.B)	50	5
HC110 (Dil.B)	100	6
HC110 (Dil.B)	200	8
ID-11	50	7
ID-11	100	8.5
ID-11	200	10.5
ID-11 (1+1)	50	10
ID-11 (1+1)	100	11
ID-11 (1+1)	200	13
ID-11 (1+3)	50	15
ID-11 (1+3)	100	20
Ilfotec HC (1+31)	50	5
Ilfotec HC (1+31)	100	6
Ilfotec HC (1+31)	200	8
Ilfotec HC (1+47)	50	5.5
Ilfotec HC (1+47)	100	7.5
Ilfotec HC (1+47)	200	10
Ilfosol S (1+9)	100	6
Ilfosol S (1+14)	50	6.5
Ilfosol S (1+14)	100	20

REVELADOR	ASA	MINUTOS	
Microdol-X	50	12	
Microdol-X	100	15	
Microdol-X (1+3)	50	16	
Microdol-X (1+3)	100	22	
Microphen	100	6.5	
Microphen	200	8	
Microphen	400	10	
Microphen (1+1)	100	10	
Microphen (1+1)	200	14	
Microphen (1+3)	100	14	
Microphen (1+3)	200	20	
Perceptol	25	9	
Perceptol	50	12	
Perceptol	100	15	
Perceptol (1+1)	50	13	
Perceptol (1+1)	100	17	
Perceptol (1+3)	50	16	
Perceptol (1+3)	100	22	
Refinal	100	5	
Refinal	200	9	
Rodinal (1+25)	50	7	
Rodinal (1+25)	100	9	
Rodinal (1+50)	50	10	
Rodinal (1+50)	100	14	
SPD	100	5	
SPD	200	8	
SPD (1+1)	100	7	
TG7 (1+3)	100	5.5	(21C)
TG7 (1+15)	100	8	(21C)
TG7 (1+15S)	100	6	(21C)
TMax Dev (1+4)	50	6	
TMax Dev (1+4)	100	7	
TMax Dev (1+4)	200	8	
TMax RS	50	5	(24C)
TMax RS	100	6	(24C)
TMax RS	200	8	(24C)
Ultrafin (1+10)	100	6	
Ultrafin (1+20)	100	8	
Xtol	25/50	6.75	
Xtol	100	8	
Xtol	200	9.5	
Xtol	400	11.5	
Xtol	800	14.5	
Xtol (1+1)	25/50	9	
Xtol (1+1)	100	10.5	
Xtol (1+1)	200	12	
Xtol (1+1)	400	14	
Xtol (1+1)	800	16.75	
Xtol (1+2)	25/50	11	
Xtol (1+2)	100	13	
Xtol (1+2)	200	15	
Xtol (1+2)	400	17.5	
Xtol (1+2)	800	21.5	
Xtol (1+3)	25/50	13.5	
Xtol (1+3)	100	15.5	
Xtol (1+3)	200	17.5	
Xtol (1+3)	400	20.5	
Xtol (1+3)	800	24.25	

ILFORD DELTA 400 PRO

REVELADOR	ASA	MINUTOS	
ACU-1 (1+5)	400	8.25	(21C)
Acufine	400	4.5	
Acufine	400	6.5	(21C)
Acufine	800	5	
Ethol Blue (1+30)	400	6.75	(21C)
Ethol TEC (1+15)	400	14	(21C)
Ethol UFG	400	6	(21C)
FG7 (1+3)	200	5	(21C)
FG7 (1+15)	200	11	(21C)
FG7 (1+15S)	200	8	(21C)
FX39 (1+9)	400	10	
Gamma Plus (1+7)	400	6	
Gamma Plus (1+12)	400	8.5	
Gamma Plus (1+20)	400	12	
HC-110 (Dil.A)	800	5	
HC-110 (Dil.A)	1600	8	
HC-110 (Dil.B)	200	6	
HC-110 (Dil.B)	400	7.5	
HC-110 (Dil.B)	800	10	
HC-110 (Dil.B)	1600	14	
Heico OS (1+10)	400	5	
ID-11/D-76	200	6	
ID-11/D-76	400	7	
ID-11/D-76	800	9	
ID-11/D-76	1600	12.5	
ID-11/D-76 (1+1)	200	9	
ID-11/D-76 (1+1)	400	10.5	
ID-11/D-76 (1+1)	800	12.5	
ID-11/D-76 (1+3)	400	18	
Ilfotec HC (1+15)	800	5	
Ilfotec HC (1+15)	1600	8	
Ilfotec HC (1+31)	200	6	
Ilfotec HC (1+31)	400	7.5	
Ilfotec HC (1+31)	800	10	
Ilfotec HC (1+31)	1600	14	
Ilfotec HC (1+47)	400	13	
Ilfosol S (1+9)	200	7	
Ilfosol S (1+9)	400	9	
Ilfosol S (1+9)	800	13	
Ilfosol S (1+14)	200	11.5	
Ilfosol S (1+14)	400	14	
Microdol-X	200	10	
Microdol-X	400	13	
Microdol-X (1+3)	400	22	
Microphen	400	7	
Microphen	800	9	
Microphen	1600	12.5	
Microphen (1+1)	400	10.5	
Microphen (1+1)	800	13	
Microphen (1+1)	1600	18	
Microphen (1+3)	400	17	
Perceptol	100	8.5	
Perceptol	200	10	
Perceptol	400	13	
Perceptol (1+1)	200	14	

REVELADOR	ASA	MINUTOS
Perceptol (1+1)	400	18
Perceptol (1+3)	400	22
Refinal	400	4
Refinal	800	6
Rodinal (1+25)	200	7
Rodinal (1+25)	400	9
Rodinal (1+25)	800	12.5
Rodinal (1+50)	200	12
Rodinal (1+50)	400	16.5
TG7 (1+3)	200	5.5 (21C)
TG7 (1+15)	200	8.5 (21C)
TG7 (1+15S)	200	6 (21C)
TMax Dev (1+4)	400	7.5
TMax Dev (1+4)	800	10
TMax Dev (1+4)	1600	14
TMax RS	800	6 (24C)
TMax RS	1600	8 (24C)
Ultrafin (1+10)	200	6.5
Ultrafin (1+10)	400	8
Ultrafin (1+20)	400	10
Xtol	100/200	6
Xtol	400	7
Xtol	800	8
Xtol	1600	10
Xtol	3200	12
Xtol (1+1)	100/200	9
Xtol (1+1)	400	10.5
Xtol (1+1)	800	12.25
Xtol (1+1)	1600	14.5
Xtol (1+1)	3200	17
Xtol (1+2)	100/200	12
Xtol (1+2)	400	14
Xtol (1+2)	800	16.25
Xtol (1+2)	1600	19.5
Xtol (1+2)	3200	23.5
Xtol (1+3)	100/200	14.5
Xtol (1+3)	400	16.5
Xtol (1+3)	800	19.5
Xtol (1+3)	1600	23

ILFORD FP4+

REVELADOR	ASA	MINUTOS
ACU-1 (1+10)	100	9 (21C)
Acufine	320	5 (21C)
Acufine	400	10
Aculux (1+9)	160	6.5
Acuspeed (1+7)	400	7
Acutol (1+10)	200	6
Acutol (1+15)	200	9
Acutol (1+20)	200	12
Clayton F60 (1+9)	125	5.5
D-76	50	5
D-76	125	5.5
D-76	200	7
D-76 (1+1)	50	7.5
D-76 (1+1)	125	8.5
D-76 (1+1)	200	11

REVELADOR	ASA	MINUTOS	
D-76 (1+3)	50	12	
D-76 (1+3)	125	14	
D-76 (1+3)	200	18	
Ethol Blue (1+30)	200	6	(21C)
Ethol TEC (1+15)	200	14	(21C)
Ethol UFG	250	7.25	(21C)
FG7 (1+3)	80	3.5	(21C)
FG7 (1+15)	80	9	(21C)
FG7 (1+15S)	80	7	(21C)
FX39 (1+9)	125	6	
Gamma Plus (1+7)	125	5.5	
Gamma Plus (1+12)	125	8	
Gamma Plus (1+20)	125	12	
HC-110 (Dil. A)	400	7	
HC-110 (Dil. B)	125	5	
HC-110 (Dil. B)	200	8	
ID-11	50	5	
ID-11	125	6	
ID-11	200	8	
ID-11 (1+1)	50	7	
ID-11 (1+1)	125	8	
ID-11 (1+1)	200	12	
ID-11 (1+3)	50	15	
ID-11 (1+3)	125	18	
Ilfotec HC (1+15)	125	3	
Ilfotec HC (1+15)	200	4	
Ilfotec HC (1+15)	400	7	
Ilfotec HC (1+31)	50	4.5	
Ilfotec HC (1+31)	125	6	
Ilfotec HC (1+31)	200	8.5	
Ilfotec HC (1+47)	50	6	
Ilfotec HC (1+47)	125	8	
Ilfotec HC (1+47)	200	12	
Ilfotec LC29 (1+9)	125	3	
Ilfotec LC29 (1+9)	200	4	
Ilfotec LC29 (1+19)	50	4.5	
Ilfotec LC29 (1+19)	125	6	
Ilfotec LC29 (1+19)	200	8.5	
Ilfotec LC29 (1+29)	50	6	
Ilfotec LC29 (1+29)	125	8	
Ilfotec LC29 (1+29)	200	12	
Ilfosol S (1+9)	50	3.5	
Ilfosol S (1+9)	125	4	
Ilfosol S (1+9)	200	5	
Ilfosol S (1+14)	50	5	
Ilfosol S (1+14)	125	6	
Ilfosol S (1+14)	200	7.5	
Microdol-X	50	7.5	
Microdol-X	125	10.5	
Microdol-X (1+3)	50	14	
Microdol-X (1+3)	125	17	
Microphen	125	5.5	
Microphen	200	6.5	
Microphen	400	11	
Microphen (1+1)	125	7	
Microphen (1+1)	200	9	
Microphen (1+1)	400	16	
Microphen (1+3)	125	10	

REVELADOR	ASA	MINUTOS
Microphen (1+3)	200	13
Perceptol	50	7.5
Perceptol	125	9
Perceptol (1+1)	50	10.5
Perceptol (1+1)	125	14
Perceptol (1+3)	50	14
Perceptol (1+3)	125	18
Rodinal (1+25)	125	6
Rodinal (1+25)	200	9
Rodinal (1+50)	125	8.5
Rodinal (1+50)	200	13
T-Max (1+4)	125	5.5
T-Max (1+4)	200	6.5
T-Max (1+4)	400	8
T-Max RS	125	5 (24C)
Xtol	125	8
Xtol	250	9
Xtol	32/64	6.5
Xtol	500	11
Xtol	1000	14
Xtol (1+1)	32/64	8.5
Xtol (1+1)	125	10
Xtol (1+1)	250	12
Xtol (1+1)	500	14.5
Xtol (1+1)	1000	17.5
Xtol (1+2)	32/64	10
Xtol (1+2)	125	11.5
Xtol (1+2)	250	13.75
Xtol (1+2)	500	17.25
Xtol (1+2)	1000	21
Xtol (1+3)	32/64	12.5
Xtol (1+3)	125	14.75
Xtol (1+3)	250	17
Xtol (1+3)	500	20
Xtol (1+3)	1000	23.5

ILFORD HP5+

REVELADOR	ASA	MINUTOS
A-110 (1+9)	400	5'50"
A-110 (1+9)	800	9'
A-110 (1+9)	1000	13'10"
A-110 (1+9)	1600	18'
A-110 (1+9)	3200	20'
A-110 (1+9)	6400	24'
ACU-1 (1+10)	800	10 (21C)
Acufine	400	4.5
Acufine	640	6.5 (21C)
Acufine	800	6.5
Acufine	1600	9.5
Aculux (1+9)	500	9
Acuspeed (1+7)	1250	9
Acutol (1+10)	640	9
Acutol (1+15)	640	13.5
Acutol (1+20)	640	18

REVELADOR	ASA	MINUTOS
Clayton F60 (1+9)	400	7
D-76	400	7.5
D-76	800	9.5
D-76	1600	12.5
D-76 (1+1)	400	11
D-76 (1+1)	800	13
D-76 (1+3)	400	22
Ethol Blue (1+30)	1000	6.5 (21C)
Ethol TEC (1+15)	640	14.25 (21C)
Ethol TEC (1+15)	800	17.75 (21C)
Ethol UFG	500	4.5 (21C)
Ethol UFG	800	5.25 (21C)
FG7 (1+3)	320	4.5 (21C)
FG7 (1+15)	320	12.5 (21C)
FG7 (1+15S)	320	7.5 (21C)
FX39 (1+9)	400	5
Gamma Plus (1+7)	400	6
Gamma Plus (1+12)	400	9
Gamma Plus (1+20)	400	11.5
HC-110 (Dil. A)	400	2.5
HC-110 (Dil. A)	800	3.75
HC-110 (Dil. A)	1600	5.5
HC-110 (Dil. A)	3200	9.5
HC-110 (Dil. B)	400	5
HC-110 (Dil. B)	800	7.5
HC-110 (Dil. B)	1600	11
Heico OS (1+10)	400	5.25
ID-11	400	7.5
ID-11	800	10.5
ID-11	1600	14
ID-11 (1+1)	400	13
ID-11 (1+1)	800	16.5
ID-11 (1+3)	400	20
Ilfotec HC (1+15)	400	3.5
Ilfotec HC (1+15)	800	5
Ilfotec HC (1+15)	1600	7.5
Ilfotec HC (1+15)	3200	12.5
Ilfotec HC (1+31)	400	6.5
Ilfotec HC (1+31)	800	9.5
Ilfotec HC (1+31)	1600	14
Ilfotec HC (1+47)	400	9
Ilfotec LC29 (1+9)	400	3.5
Ilfotec LC29 (1+9)	800	5
Ilfotec LC29 (1+9)	1600	7.5
Ilfotec LC29 (1+9)	3200	11
Ilfotec LC29 (1+19)	400	6.5
Ilfotec LC29 (1+19)	800	9.5
Ilfotec LC29 (1+19)	1600	14
Ilfotec LC29 (1+29)	400	9
Ilfosol S (1+9)	400	7
Ilfosol S (1+9)	800	8.5
Ilfosol S (1+9)	1600	14
Ilfosol S (1+14)	400	9.5
Ilfosol S (1+14)	800	14
Microdol-X	400	11
Microdol-X (1+3)	400	25
Microphen	500	6.5
Microphen	800	8

REVELADOR	ASA	MINUTOS	
Microphen	1600	11	
Microphen	3200	16	
Microphen (1+1)	400	12	
Microphen (1+1)	800	15	
Microphen (1+3)	400	23	
Perceptol	200/400	11	
Perceptol (1+1)	400	15	
Perceptol (1+3)	400	25	
Refinal	400	6	
Refinal	800	8.5	
Rodinal (1+25)	400	6	
Rodinal (1+25)	800	8	
Rodinal (1+25)	1600	12	
Rodinal (1+50)	400	11	
Rodinal (1+50)	800	16	
Rodinal (1+50)	1600	24	
TMax Dev (1+4)	400	6.5	
TMax Dev (1+4)	800	8	
TMax Dev (1+4)	1600	9.5	
TMax Dev (1+4)	3200	11.5	
TMax RS	400	6.5	
TMax RS	800	5	(24C)
TMax RS	1600	7	(24C)
TMax RS	3200	10.5	(24C)
Ultrafin (1+10)	400	7.5	
Ultrafin (1+10)	800	10	
Ultrafin (1+20)	400	16	
Xtol	100/200	7.5	
Xtol	400	8.5	
Xtol	800	10.5	
Xtol	1600	13	
Xtol	3200	17.5	
Xtol (1+1)	100/200	10.25	
Xtol (1+1)	400	12	
Xtol (1+1)	800	14.25	
Xtol (1+1)	1600	18	
Xtol (1+1)	3200	22.5	
Xtol (1+2)	100/200	12.75	
Xtol (1+2)	400	15.5	
Xtol (1+2)	800	18	
Xtol (1+2)	1600	21	
Xtol (1+3)	100/200	14.5	
Xtol (1+3)	400	18	
Xtol (1+3)	800	23	
Xtol (1+3)	1600	27.5	

ILFORD DELTA 3200

REVELADOR	ASA	MINUTOS
Ilfotec DD-X*(1+4)	3200	9.5
Ilfotec HC (1+31)	3200	14.5
Ilfotec LC29 (1+19)	3200	14.5
Ilfosol S (1+9)	3200	13
Microphen* (stock)	3200	9
ID-11 (stock)	3200	10.5
Perceptol (stock)	3200	18

REVELADOR	ASA	MINUTOS
D-76 (stock)	3200	10.5
HC-110 (B)	3200	14.5

* Reveladores recomendados. Tiempos base para calcular el más adecuado para estas películas. Hay que hacer pruebas para buscar la mejor combinación tiempo/revelador.

ILFORD UNIVERSAL 400

REVELADOR	ASA	MINUTOS
D-76	400	9
D-76	1000	20
HC-110 (Dil. B)	400	9
HC-110 (Dil. B)	1000	14
ID-11	400	9
ID-11	1000	15
ID-11 (1+1)	400	15.5
ID-11 (1+1)	1000	26
Ilfotec HC (1+15)	400	5
Ilfotec HC (1+15)	1000	8
Ilfotec HC (1+31)	400	9
Ilfotec HC (1+31)	1000	14
Ilfosol S (1+9)	400	10
Microphen	640	10
Microphen	1000	14
Perceptol	400	13
TMax Dev (1+4)	400	8
TMax Dev (1+4)	640	10
TMax Dev (1+4)	1000	14
TMax RS	640	7
TMax RS	1000	10

ILFORD PAN F+

REVELADOR	ASA	MINUTOS
ACU-1 (1+10)	64	6.5 (21C)
Acufine	50	3.5
Acufine	80	5 (21C)
Aculux (1+9)	64	5.5
Acutol (1+10)	80	5
Acutol (1+15)	80	7.5
Acutol (1+20)	80	10
D-76	25-50	6.5
D-76 (1+1)	25-50	10.5
D-76 (1+3)	25-50	15.5
Ethol Blue (1+60)	80	4 (21C)
Ethol TEC (1+15)	64	6.5 (21C)
Ethol UFG	50	5 (21C)
FG7 (1+15)	50	9 (21C)
FG7 (1+15S)	50	6 (21C)
FX39 (1+9)	50	4
Gamma Plus (1+12)	50	5
Gamma Plus (1+20)	50	8
HC-110 (Dil. B)	50	5.5
ID-11	25-50	6.5
ID-11 (1+1)	25-50	8.5
ID-11 (1+3)	25	14
ID-11 (1+3)	50	15
Ilfotec HC (1+31)	50	4

REVELADOR	ASA	MINUTOS
Ilfotec HC (1+47)	50	5.5
Ilfotec LC29 (1+19)	50	4
Ilfotec LC29 (1+29)	50	5.5
Ilfosol S (1+9)	50	4
Ilfosol S (1+14)	50	6
Microdol-X	25	12
Microdol-X	50	15
Microdol-X (1+3)	25	15
Microdol-X (1+3)	50	18
Microphen	25-50	4.5
Microphen	100	8
Microphen	200	12
Microphen (1+1)	25-50	6
Microphen (1+3)	25-50	11
Perceptol	25	9
Perceptol	50	14
Perceptol (1+1)	25	10.5
Perceptol (1+1)	50	15
Perceptol (1+3)	25	15
Perceptol (1+3)	50	17
Refinal	50	5.5
Rodinal (1+25)	50	6
Rodinal (1+50)	50	11
TMax Dev (1+4)	50	4
TMax RS	50	4
Ultrafin (1+10)	50	4
Ultrafin (1+20)	50	8
Xtol	25	6
Xtol	50	7
Xtol	100	8
Xtol	200	9
Xtol	400	10
Xtol (1+1)	25	6.75
Xtol (1+1)	50	7.75
Xtol (1+1)	100	9.5
Xtol (1+1)	200	11.25
Xtol (1+1)	400	13
Xtol (1+2)	25	8.75
Xtol (1+2)	50	10
Xtol (1+2)	100	11.5
Xtol (1+2)	200	13.25
Xtol (1+2)	400	15.5
Xtol (1+3)	25	10.5
Xtol (1+3)	50	12
Xtol (1+3)	100	13.5
Xtol (1+3)	200	15.75
Xtol (1+3)	400	18.5

ILFORD SFX 200

REVELADOR	ASA	MINUTOS
D-76	200	10.5
D-76	400	12.5
D-76	800	16.5
D-76 (1+1)	400	14.5
HC-110 (Dil. B)	200	9
HC-110 (Dil. B)	400	13
HC-110 (Dil. B)	800	19

REVELADOR	ASA	MINUTOS	
ID11	200	10	
ID11	400	14	
ID11	800	18	
ID11 (1+1)	200	17	
Ifotec HC (1+15)	200	5	
Ifotec HC (1+15)	400	7	
Ifotec HC (1+15)	800	10.5	
Ifotec HC (1+31)	200	9	
Ifotec HC (1+31)	400	13	
Ifotec HC (1+31)	800	19	
Ifotec LC29 (1+9)	200	5	
Ifotec LC29 (1+9)	400	7	
Ifotec LC29 (1+19)	200	9	
Ifotec LC29 (1+19)	400	13	
Ifotec LC29 (1+29)	200	9	
Ifosol S (1+9)	200	9.5	
Ifosol S (1+9)	400	11.5	
Ifosol S (1+9)	800	19	
Ifosol S (1+14)	200	13	
Ifosol S (1+14)	400	19	
Microphen	200	8.5	
Microphen	400	10.5	
Microphen	800	14.5	
Microphen (1+1)	200	15.5	
Microphen (1+1)	400	19	
Perceptol	200	14.5	
Perceptol (1+1)	200	20	
Refinal	200	8	
Refinal	400	11.5	
Rodinal (1+25)	200	6	
Rodinal (1+50)	200	10	
TMax (1+4)	200	8.5	
TMax (1+4)	400	10.5	
TMax (1+4)	800	12.5	
TMax RS	200	6	(24C)
TMax RS	400	7	(24C)
TMax RS	800	9	(24C)

KODAK

KODAK HIGH-SPEED INFRA RED

REVELADOR	ASA	MINUTOS	
Aculux	NA	12	
Acutol	NA	12	
D-19	NA	6	
D-76	NA	11	
FG7 (1+3)	NA	4	(21C)
FG7 (1+15)	NA	12	(21C)
FG7 (1+15S)	NA	6	(21C)
Gamma Plus (1+12)	NA	12	

REVELADOR	ASA	MINUTOS
HC-110 (Dil.B)	NA	6
ID-11	NA	12
Perceptol	NA	15
Rodinal (1+25)	NA	9
Rodinal (1+50)	NA	12
Xtol	NA	6
Xtol (1+1)	NA	8.75
Xtol (1+2)	NA	12.5
Xtol (1+3)	NA	17

KODAK PLUS-X

REVELADOR	ASA	MINUTOS
A-110 (1+9)	125	2.5
A-110 (1+18)	125	3.5
A-110 (1+9)	400	5.5
A-110 (1+9)	800	8.5
ACU-1 (1+10)	250	9 (21C)
Acufine	250	4 (21C)
Aculux (1+9)	160	6
Acuspeed (1+7)	400	7.5
Acutol (1+10)	200	7
Acutol (1+15)	200	10.5
Acutol (1+20)	200	14
Clayton F60 (1+9) 125	5.5	
D-76	125	5.5
D-76 (1+1)	125	7
Ethol Blue (1+30)	400	3 (21C)
Ethol Blue (1+60)	125	3.5 (21C)
Ethol TEC (1+15)	400	12 (21C)
Ethol UFG	125	3 (21C)
Ethol UFG	250	4 (21C)
FG7 (1+3)	80	3.25 (21C)
FG7 (1+15)	80	8 (21C)
FG7 (1+15S)	80	6 (21C)
FX39 (1+9)	125	6
Gamma Plus (1+7)	125	4.5
Gamma Plus (1+12)	125	8
Gamma Plus (1+20)	125	11.5
HC-110 (Dil.B)	125	5
Heico OS (1+10)	125	5.75
ID-11	125	6
ID-11 (1+1)	125	8
ID-11 (1+3)	125	13
Microdol-X	125	7
Microdol-X (1+3)	125	9.5 (24C)
Microphen	200	6
Microphen	400	19.5
Microphen (1+1)	200	8.5
Microphen (1+3)	200	13.5
Neofin Red	125	9
Neofin Blue	125	6
Perceptol	64	8
Perceptol (1+1)	64	8.5
Perceptol (1+3)	64	12
PMK	80	9 (21C)
Rodinal (1+25)	125	6
Rodinal (1+50)	125	13

REVELADOR	ASA	MINUTOS
Rodinal (1+85)	200	12 (24C)
TMax RS	125/250	5.5
TMax RS	500	6.5 (24C)
Ultrafin (1+20)	125	8
Xtol	32/64	4.5
Xtol	125	5.25
Xtol	250	6.5
Xtol	500	8
Xtol	1000	10.25
Xtol (1+1)	32/64	6.5
Xtol (1+1)	125	7.5
Xtol (1+1)	250	8.75
Xtol (1+1)	500	11
Xtol (1+1)	1000	15.5
Xtol (1+2)	32/64	7.5
Xtol (1+2)	125	8.5
Xtol (1+2)	250	9.75
Xtol (1+2)	500	13
Xtol (1+2)	1000	16.5
Xtol (1+3)	32/64	9.5
Xtol (1+3)	125	10.5
Xtol (1+3)	250	12
Xtol (1+3)	500	15.5
Xtol (1+3)	1000	19.5

PANATOMIC-X

REVELADOR	ASA	MINUTOS
A-110 (1+18)	32	4.5
A-110 (1+9)	100	7.5
A-110 (1+9)	160	9.5
A-110 (1+9)	400	12

KODAK RECORDING FILM

REVELADOR	ASA	MINUTOS
A-110 (1+9)	1000	6
A-110 (1+9)	1600	8
A-110 (1+9)	3200	10
A-110 (1+9)	6400	14
Acufine	1600	9 (21C)
DK-50	1000	6
Ethol Blue (1+30)	2400	10 (21C)
Ethol TEC (1+30)	100	5.5 (21C)
Ethol UFG	4000	10.5 (21C)
FG7 (1+3)	1000	5 (21C)
FG7 (1+15)	1000	12 (21C)
FG7 (1+15S)	1000	8 (21C)
HC-110 (Dil.A)	1000	4.5
HC-110 (Dil.B)	1000	9
Rodinal (1+25)	1000	4.5
Rodinal (1+50)	1000	10

KODAK TMAX 100

REVELADOR	ASA	MINUTOS	
ACU-1 (1+10)	160	12	(21C)
Acufine	200	4.5	(21C)
Aculux (1+9)	100	9	
Acuspeed (1+7)	250	10	
Acutol (1+10)	125	8.5	
Acutol (1+15)	125	13	
Acutol (1+20)	125	17	
Clayton F60 (1+9)	100	7	
D-76/ID-11	100/200	9	
D-76/ID-11	400	11	
D-76/ID-11 (1+1)	100/200	12	
Ethol Blue (1+30)	160	6.5	(21C)
Ethol TEC(1+15)	100	14.5	(21C)
Ethol TEC (1+15)	160	17	(21C)
Ethol UFG	100	6	(21C)
Ethol UFG	320	9.5	(21C)
FG7 (1+3)	64	4.75	(21C)
FG7 (1+15)	64	12	(21C)
FG7 (1+15S)	64	8	(21C)
FX39 (1+9)	100	8	
Gamma Plus (1+7)	100	6	
Gamma Plus (1+12)	100	9	
Gamma Plus (1+20)	100	14	
HC-110 (Dil.B)	100/200	7	
HC-110 (Dil.B)	400	9.5	
Heico OS (1+10)	100	5.5	
Microdol-X	100/200	13.5	
Microdol-X (1+3)	100/200	16	(24C)
Microphen (1+1)	100/200	11	
Rodinal (1+25)	100/200	5.5	
Rodinal (1+50)	100/200	12	
TG7 (1+3)	50	4	(21C)
TG7 (1+15)	50	10	(21C)
TG7 (1+15S)	50	7	(21C)
TMax Dev (1+4)	100/200	6.5	(24C)
TMax Dev (1+4)	400	9	(24C)
TMax Dev (1+4)	800	10.5	(24C)
TMax RS	100/200	6	(24C)
TMax RS	400	9	(24C)
TMax RS	800	11.5	(24C)
Xtol	25/50	5.75	
Xtol	100	6.75	
Xtol	200	7.75	
Xtol	400	9	
Xtol	800	10.5	
Xtol (1+1)	25/50	8	
Xtol (1+1)	100	9.25	
Xtol (1+1)	200	10.25	
Xtol (1+1)	400	12.5	
Xtol (1+1)	800	14.5	
Xtol (1+2)	25/50	11.5	
Xtol (1+2)	100	12.5	
Xtol (1+2)	200	13.75	
Xtol (1+2)	400	15.75	
Xtol (1+2)	800	18	
Xtol (1+3)	25/50	14.5	
Xtol (1+3)	100	16	

REVELADOR	ASA	MINUTOS
Xtol (1+3)	200	18.25
Xtol (1+3)	400	20.5
Xtol (1+3)	800	23

KODAK TMAX 400

REVELADOR	ASA	MINUTOS
ACU-1 (1+10)	1000	12 (21C)
Acufine	800	4.5 (21C)
Aculux (1+9)	400	12
Acuspeed (1+7)	1000	13
Acutol (1+10)	500	9.5
Acutol (1+15)	500	14
Acutol (1+20)	500	19
Clayton F60 (1+9)	400	7.5
D-76/ID-11	400/800	8
D-76/ID-11	1600	10.5
D-76/ID-11 (1+1)	400/800	12.5
Ethol Blue (1+30)	800	6.25 (21C)
Ethol TEC (1+15)	320	15.25 (21C)
Ethol TEC (1+15)	640	18.5 (21C)
Ethol UFG	200	3.75 (21C)
Ethol UFG	1000	7.25 (21C)
FG7 (1+3)	250	4.5 (21C)
FG7 (1+15)	250	13.5 (21C)
FG7 (1+15S)	250	7.5 (21C)
FX39 (1+9)	400	10
Gamma Plus (1+7)	400	7
Gamma Plus (1+12)	400	9.5
Gamma Plus (1+20)	400	14.5
HC-110 (Dil.B)	400/800	6
HC-110 (Dil.B)	1600	8.5
Heico OS (1+10)	400	4.25
Ilford LC-29 (1+24)	1600	9.5-10 (25C)
Microdol-X	400/800	10.5
Microdol-X (1+3)	400/800	16 (24C)
Microphen (1+1)	400/800	10
Microphen (1+1)	1600	13
Rodinal (1+25)	400/800	5
Rodinal (1+50)	400/800	10
TG7 (1+3)	250	4 (21C)
TG7 (1+15)	250	10.5 (21C)
TG7 (1+15S)	250	6 (21C)
TMax Dev (1+4)	400/800	7
TMax Dev (1+4)	1600	8
TMax Dev (1+4)	3200	9.5
TMax RS	400/800	5 (24C)
TMax RS	1600	7 (24C)
TMax RS	3200	9.5 (24C)
Xtol	100/200	5.75
Xtol	400	6.5
Xtol	800	7.25
Xtol	1600	8.5
Xtol	3200	9.5
Xtol (1+1)	100/200	8
Xtol (1+1)	400	8.75
Xtol (1+1)	800	9.5

REVELADOR	ASA	MINUTOS
Xtol (1+1)	1600	10.75
Xtol (1+1)	3200	12.5
Xtol (1+2)	100/200	9.5
Xtol (1+2)	400	10.5
Xtol (1+2)	800	12.25
Xtol (1+2)	1600	13.75
Xtol (1+2)	3200	16
Xtol (1+3)	100/200	12.25
Xtol (1+3)	400	13.5
Xtol (1+3)	800	15
Xtol (1+3)	1600	17
Xtol (1+3)	3200	20

KODAK TMAX P3200

REVELADOR	ASA	MINUTOS
ACU-1 (1+10)	3200	18.75 (21C)
ACU-1 (1+10)	6400	22.5 (21C)
Acufine	3200	7.5 (21C)
Aculux (1+9)	1600	14
Aculux (1+9)	3200	18
Acuspeed (1+7)	6400	14
D-76	400	7.5 (24C)
D-76	800	8 (24C)
D-76	1600	8.5 (24C)
D-76	3200	11 (24C)
D-76	6400	12.5 (24C)
Ethol Blue (1+30)	3200	14.5 (21C)
Ethol Blue (1+30)	6400	20 (21C)
Ethol TEC (1+15)	3200	17.5 (21C)
Ethol TEC (1+15)	6400	22.75 (21C)
Ethol UFG	1600	5.5 (21C)
Ethol UFG	3200	7.5 (21C)
Ethol UFG	6400	10.5 (21C)
FG7 (1+3)	1600	6.5 (21C)
FG7 (1+3)	3200	7.5 (21C)
FG7 (1+15)	1600	13 (21C)
FG7 (1+15)	3200	15 (21C)
FG7 (1+15S)	1600	10 (21C)
FG7 (1+15S)	3200	14.5 (21C)
FX39 (1+9)	3200	12
Gamma Plus (1+7)	3200	6.5
Gamma Plus (1+12)	3200	9.5
Gamma Plus (1+20)	3200	13.5
HC-110 (Dil.B)	400	5 (24C)
HC-110 (Dil.B)	800	5.5 (24C)
HC-110 (Dil.B)	1600	6 (24C)
HC-110 (Dil.B)	3200	7.5 (24C)
HC-110 (Dil.B)	6400	9.5 (24C)
Ilfotec HC (1+31)	1600	9
Ilfotec HC (1+31)	3200	11.5
Microphen (1+1)	1600	13.5
Microphen (1+1)	3200	18
Microphen (1+1)	6400	21
Rodinal (1+25)	3200	8
Rodinal (1+50)	3200	16
TG7 (1+3)	1600	5.5 (21C)
TG7 (1+3)	3200	7.5 (21C)

REVELADOR	ASA	MINUTOS	
TG7 (1+15)	1600	12	(21C)
TG7 (1+15)	3200	12	(21C)
TG7 (1+15S)	1600	10	(21C)
TG7 (1+15S)	3200	9.5	(21C)
TMax Dev (1+4)	400	6	(24C)
TMax Dev (1+4)	800	6.5	(24C)
TMax Dev (1+4)	1600	7	(24C)
TMax Dev (1+4)	3200	9.5	(24C)
TMax Dev (1+4)	6400	11	(24C)
TMax Dev (1+4)	12500	12.5	(24C)
TMax Dev (1+4)	25000	14	(24C)
TMax RS	400	8	(24C)
TMax RS	800	9	(24C)
TMax RS	1600	10.5	(24C)
TMax RS	3200	13.5	(24C)
TMax RS	6400	15	(24C)
TMax RS	12500	12	(24C)
TMax RS	25000	14	(24C)
Xtol	100/200	7	
Xtol	400	7.5	
Xtol	800	8.25	
Xtol	1600	9.25	
Xtol	3200	11	
Xtol	6400	12.5	
Xtol	12500	15.25	
Xtol	25000	18.5	
Xtol (1+1)	100/200	10.5	
Xtol (1+1)	400	11.5	
Xtol (1+1)	800	12.5	
Xtol (1+1)	1600	14	
Xtol (1+1)	3200	16.5	
Xtol (1+1)	6400	19.5	
Xtol (1+1)	12500	22.5	
Xtol (1+1)	25000	26	
Xtol (1+2)	100/200	14.25	
Xtol (1+2)	400	15.5	
Xtol (1+2)	800	16.5	
Xtol (1+2)	1600	19	
Xtol (1+2)	3200	22	
Xtol (1+2)	6400	26.5	
Xtol (1+3)	100/200	17.25	
Xtol (1+3)	400	18.5	
Xtol (1+3)	800	20.5	
Xtol (1+3)	1600	23	
Xtol (1+3)	3200	27	

KODAK TECHNICAL PAN

REVELADOR	ASA	MINUTOS
Para muy alto contraste		
D-19	100-200	2-8
D-19 (1+2)	100-160	4-7
Dektol	200	3
Kodalith	50	3
(para alto contraste/tono continuo)		
D-76/ID-11	50-125	6-12

REVELADOR	ASA	MINUTOS	
Ethol Blue (1+120)	64	6	(21C)
Ethol TEC (1+30)	100	5.5	(21C)
FG7 (1+15)	25	12.5	(21C)
HC-110 (Dil.B)	100-250	4-12	
HC-110 (Dil.D)	80-125	4-8	
Microdol-X	32-50	8-12	
Rodinal (1+50)	25	4.5	
Technidol LC	25-32	7-18	
TMAX Dev (1+4)	50	4-7	(24C)
Xtol (1+2)	4	6	
Xtol (1+3)	8	8	(21C)
Xtol (1+4)	12.5	10.5	(21C)
Xtol (1+5)	25	6	(21C)

(para tono continuo)

Acutol (1+20)	25-50	10	
C-41 (Color) Revelador*	100	10	(24C)
Gamma Plus (1+12)	?	6	
Gamma Plus (1+20)	?	8.5	
HC-110 (Dil.F)	32-64	6-12	
Rodinal (1+150)	25-64	7	
Rodinal (1+300)	25-64	12	
Technidol LC	16-25	5-11	

*use C-41 Revelador only, use B/W fixer, do not bleach.

KODAK TRI-X

REVELADOR	ASA	MINUTOS	
A-110 (1+9)	400	3.45	
A-110 (1+18)	400	5	
A-110 (1+9)	800	5.5	
A-110 (1+9)	1600	9	
A-110 (1+9)	3200	14	
ACU-1 (1+5)	1000	10	(21C)
Acufine	1000	5	(21C)
Aculux (1+9)	500	9	
Acuspeed (1+7)	1250	9	
Acutol (1+10)	640	9	
Acutol (1+15)	640	13.5	
Clayton F60 (1+9)	400	6	
D-76	400	8	
D-76	1600	13	
D-76 (1+1)	400	10	
Ethol Blue (1+60)	400	5.5	(21C)
Ethol Blue (1+30)	1600	5.25	(21C)
Ethol Blue (1+30)	2400	6.75	(21C)
Ethol TEC (1+15)	1000	12	(21C)
Ethol UFG	1280	5.25	(21C)
Ethol UFG	400	3	(21C)
FG7 (1+3)	320	5.25	(21C)
FG7 (1+15)	320	12	(21C)
FG7 (1+15S)	320	9	(21C)
FX39 (1+9)	400	8	
Gamma Plus (1+7)	400	7.5	
Gamma Plus (1+12)	400	9	

REVELADOR	ASA	MINUTOS
Gamma Plus (1+20)	400	13.5
HC-110 (Dil.A)	400	3.75
HC-110 (Dil.B)	400	7.5
HC-110 (Dil.B)	1600	16
Heico OS (1+10)	400	5.75
ID-11	400	8
ID-11 (1+1)	400	11
Microdol-X	400	10
Microdol-X (1+3)	400	13 (24C)
Microphen	500	6
Microphen	1600	16
Microphen (1+1)	500	11
Microphen (1+1)	800	15
Microphen (1+1)	1600	16.5
Microphen (1+1)	3200	24
Microphen (1+3)	500	22
Neofin Red	400	9-12
Perceptol	320	10
Perceptol (1+1)	320	12
Perceptol (1+3)	320	15
Rodinal (1+100)	400	20
Rodinal (1+100)	800	17.5 (24C)
Rodinal (1+25)	400	7
Rodinal (1+50)	400	13-16
Rodinal (1+50)	800	16.5
Rodinal (1+50)	1600	18.5
Rodinal (1+60)	400	15
Rodinal (1+75)	400	17.5
TMax Dev (1+4)	400/800	6
TMax Dev (1+4)	1600	8.5
TMax Dev (1+4)	3200	11
TMax RS	400/800	5 (24C)
TMax RS	1600	8 (24C)
TMax RS	3200	11 (24C)
Ultrafin (1+10)	400	6-8
Xtol	100/200	5.5
Xtol	400	6.75
Xtol	800	7.75
Xtol	1600	9
Xtol	3200	10.5
Xtol (1+1)	100/200	8
Xtol (1+1)	400	8.75
Xtol (1+1)	800	10
Xtol (1+1)	1600	11.75
Xtol (1+1)	3200	13.5
Xtol (1+2)	100/200	8.75
Xtol (1+2)	400	10.5
Xtol (1+2)	800	12.5
Xtol (1+2)	1600	14.5
Xtol (1+2)	3200	17
Xtol (1+3)	100/200	10.75
Xtol (1+3)	400	12.5
Xtol (1+3)	800	14
Xtol (1+3)	1600	16.5
Xtol (1+3)	3200	20

KODAK VERICHROME PAN

REVELADOR	ASA	MINUTOS
ACU-1 (1+5)	250	11.25 (21C)
Acufine	250	5 (21C)
Aculux (1+9)	160	9
Acutol (1+10)	160	9
Acutol (1+15)	160	13.5
Acutol (1+20)	160	18
D-76	125	7
D-76 (1+1)	125	9
Ethol Blue (1+60)	200	5 (21C)
Ethol TEC (1+15)	320	8 (21C)
Ethol UFG	160	2.5 (21C)
Gamma Plus (1+12)	100	7.5
HC-110 (Dil.B)	125	4.25
Microdol-X	125	9
Microdol-X (1+3)	125	12
PMK	64	7 *
Xtol	32/64	5
Xtol	125	6
Xtol	250	7
Xtol	500	8.5
Xtol	1000	11
Xtol (1+1)	32/64	6.75
Xtol (1+1)	125	7.5
Xtol (1+1)	250	8.75
Xtol (1+1)	500	10.75
Xtol (1+1)	1000	13.75
Xtol (1+2)	32/64	7.5
Xtol (1+2)	125	8.5
Xtol (1+2)	250	10.25
Xtol (1+2)	500	12.75
Xtol (1+2)	1000	16.25
Xtol (1+3)	32/64	9.25
Xtol (1+3)	125	10.25
Xtol (1+3)	250	11.75
Xtol (1+3)	500	14
Xtol (1+3)	1000	16.5

KONICA IR 750

REVELADOR	ASA	MINUTOS
Aculux	NA	8
Acutol	NA	8
D-76 (1+1)	NA	8.5
D-76	NA	6
DK-20	NA	7
FG7 (1+15)	25	7 (21C)
HC-110 (Dil.B)	NA	7
ID-11	NA	6
Konicadol DP	NA	6
Konicadol Fine	NA	7
Konicadol Super	NA	6
Rodinal (1+50)	NA	5
Rodinal (1+75)	NA	9

ORIENTAL

ORIPAN 400

REVELADOR	ASA	MINUTOS
D-76	400	7.5
D-76	1600	13.5
D-76 (1+1)	800	9.5

ORWO FILMS

REVELADOR	ASA	MINUTOS
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Orwopan 100

Calbe A03	100	6-8
Calbe A49/Atomal FF	100	5-7
Calbe F19/D76	100	5-7
Calbe R09/Rodinal (1+40)	100	8-9
Atomal	100	5-7
D76	100	5-7
HC110(1+31)	100	4-5
ID11	100	5-7
Microdol X	100	8-10
Microphen	100	5-7
Rodinal (1+25)	100	5-7
T-Max (1+4)	100	5-6
Ultrafin Plus (1+4)	100	9-11

Orwopan 400

Calbe A03	400	6-8
Calbe A49	400	8-10
Calbe F19	400	9-11
Calbe R09 (1+40)	400	13-15
Atomal	400	10-12
D-76	400	9-11
HC110 (1+31)	400	8-10
ID11	400	9-11
Ilfosol S (1+9)	400	7-8
Microdol X	400	12-14
Rodinal(1+25)	400	7-9
T-Max	400	8-10
Ultrafin Plus	400	15-17

TURA FILMS

REVELADOR	ASA	MINUTOS	
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Tura P150

Neofin Blue	150	12	*
Neofin Red	150	10	
Emofin Powder	150	3	
Emofin Liquid	150	8	
Ultrafin SF	150	13	
Ultrafin SF (1+1)	150	5	*
Ultrafin Plus (1+4)	150	6	
Ultrafin Plus (1+6)	150	8	
Ultrafin Liquid (1+10)	150	8	
Ultrafin Liquid (1+20)	150	17	
Ultrafin Liquid (1+30)	150	12	*

Tura P400

Neofin Blue	400	12	*
Neofin Red	400	15	
Emofin Powder	400	6	
Emofin Liquid	400	7	
Ultrafin Plus (1+4)	400	7.5	
Ultrafin Plus (1+6)	400	10	
Ultrafin Liquid (1+10)	400	11	
Ultrafin Liquid (1+20)	400	10	*