

**ILFORD PAN F+**

<b>Wywoływacz</b>	<b>Rozcieńczenie</b>	<b>Naświetlanie</b>	<b>35mm</b>	<b>120</b>	<b>Blony</b>	<b>Temp.</b>
510 Pyro	1+100	50		6.5		21°C
ACU-1	1+10	50		7		21°C
ACU-1	1+10	64	6.5			21°C
Acufine		50	3.5			20°C
Acufine		80	5	4.5		21°C
Aculux 2	1+9	50	5.5	7		20°C
Acutol	1+9	50	5.5	6.5		20°C
Acutol	1+10	80	5			20°C
Acutol	1+20	80	10			20°C
Acutol	1+15	80	7.5			20°C
Amaloco AM20		50	3.75	3.75		20°C
Amaloco AM20		100	4.5	4.5		20°C
Amaloco AM50		50	3.75	3.75		20°C
Amaloco AM74		50	3	3		20°C
Amaloco AM74		100	3.5	3.5		20°C
Arista Liquid		50	7	7		20°C
Calbe A03		50	5	5		20°C
Calbe A49		50	7.5	7.5		20°C
D-23		50	6.5	6.5	6.5	20°C
D-23	1+1	50	8.5	8.5	8.5	20°C
D-23	1+3	50	15	15	15	20°C
D-76	1+3	12	9			20°C
D-76	1+1	25-50	8.5	8.5		20°C
D-76	1+3	25	14	14		20°C
D-76		25-50	6.5	6.5		20°C
D-76	1+3	50	15	15		20°C
Diafine		80	3+3			20°C
Diafine		100		3+3		20°C

Econodev 2	1+24	50	3			20°C
Econodev 2	1+49	50	5			20°C
Econotol 2	1+14	50	7.5	7.5		20°C
Emofin		50	4+4	4+4		20°C
Ethol Blue	1+60	80	4	6		21°C
Ethol TEC	1+15	50		6		21°C
Ethol TEC	1+15	64	6.5			21°C
Ethol UFG		50	5	3.5		21°C
F60	1+14	50	5.5	5.5		20°C
F76+	1+14	50	5.5	5.5		20°C
FA-1027	1+14	50	5	5	5	20°C
FD10	1+9	50	4	4		20°C
FD10	1+14	50	6	6		20°C
FG7	1+15	50	9	9		21°C
FG7	1+15S	50	6	6		21°C
Fino S31		50	4.5	4.5		20°C
Fino S31		100	5.5	5.5		20°C
Fino S31		200	6.25	6.25		20°C
Fino ST33		50	3	3		20°C
Fino ST33	1+1	50	3.25	3.25		20°C
Fino ST33		100	3.5	3.5		20°C
Fino ST33	1+1	100	4	4		20°C
Fino ST33	1+1	200	5	5		20°C
Fomadon Excel		50	7.5			20°C
FX-19		100	7	7	7	20°C
FX-37	1+3	80	4	4		20°C
FX-39	1+9	50	4.5	6.5		20°C
FX-50		50	6	6		20°C
Gamma Plus	1+12	50	5	5		20°C
Gamma Plus	1+20	50	8	8		20°C
Gradual ST20	1+9	50	6	6		20°C

Gradual ST20	1+9	100	8	8		20°C
HC-110	E	50	5.5			20°C
HC-110	B	50	4	4		20°C
Hypercat	1+1.5+200	50	15			21°C
Hypercat	1+3+200	50	9.75	9.75		21°C
Hypercat	2+3+500	50	15			21°C
ID-11	1+3	12	9			20°C
ID-11	1+1	25-50	8.5	8.5		20°C
ID-11		25-50	6.5	6.5		20°C
ID-11	1+3	25	14	14		20°C
ID-11	1+3	50	15	15		20°C
Iffosol S	1+9	50		4		20°C
Iffosol S	1+14	50	6	6		20°C
Ifotec DD		25	4.5	4.5		24°C
Ifotec DD		50	5.5	5.5		24°C
Ifotec DD		50	10	10		20°C
Ifotec DD-X	1+4	25	7	7		20°C
Ifotec DD-X	1+4	50	8	8		20°C
Ifotec HC	1+47	50	5.5	5.5		20°C
Ifotec LC29	1+29	50	5.5	5.5		20°C
Ifotec LC29	1+19	50	4	4		20°C
Microdol-X	1+3	25	15	15		20°C
Microdol-X		25	12	12		20°C
Microdol-X	1+3	50	18	18		20°C
Microdol-X		50	15	15		20°C
Microfine FRPC		64	3+3	3+3		20°C
Microphen		25-50	4.5	4.5		20°C
Microphen	1+1	25-50	6	6		20°C
Microphen	1+3	25-50	11	11		20°C
Microphen		100	8	8		20°C
Microphen		200	12	12		20°C
Negafin		50	5	5		20°C

Neofin Blue		50	4.5	4.5		20°C
Neotenal Powder		50	2.5	2.5		20°C
Nucleol BF200	2+1.5	50	5	5		20°C
Perceptol		25	9	9		20°C
Perceptol	1+3	25	15	15		20°C
Perceptol	1+1	25	10.5	10.5		20°C
Perceptol	1+2	32	13.5			20°C
Perceptol	1+3	50	17	17		20°C
Perceptol	1+1	50	15	15		20°C
Perceptol		50	14	14		20°C
PMK	1+2+100	50	7.5	7.5		20°C
Pressmax	1+19	50	4	4		20°C
Promicrol	1+9	75-100	5	5		20°C
Promicrol	1+14	75-100	7	7		20°C
R09	1+40	50	8-9			20°C
Refinal		50	5.5	5.5		20°C
Rodinal	1+100	25	15	15		20°C
Rodinal	1+24	40	5			20°C
Rodinal	1+50	50	11	11		20°C
Rodinal	1+25	50	6	6		20°C
Rodinal	1+50	64	12	12		20°C
Rodinal	1+50	80	13.5			20°C
Sensidol	1+7	16	3.5	3.5		20°C
Sprint Standard	1+9	50	8.5			20°C
Spur HRX	1+19	32	3			20°C
Spur SLD	1+24	50	3.5-4			20°C
Studional	1+15	50	3	3		20°C
Suprol	1+19	50	2.25	2.25		20°C
Tanol	1+1+100	100	11	11		22°C
TMax Dev	1+4	50	4	4		20°C
TMax Dev	1+9	80	6	6		24°C

TMax Dev	1+4	125	7			20°C
TMax RS		50	4	4		20°C
Tofen S37		50	5	5		20°C
Tofen S37		100	7	7		20°C
Tofen S37		200	10	10		20°C
Ultrafin	1+20	50	5.5	5.5		20°C
Ultrafin	1+10	50	3	3		20°C
Ultrafin	1+30	50	9	9		20°C
Ultrafin Plus	1+4	50	5	5		20°C
Ultrafin Plus	1+6	50	6	6		20°C
Ultrafin SF		50	5	5		20°C
Ultrafin SF	1+1	50	6.5	6.5		20°C
Unitol	1+14	50	6	6		20°C
Universal	1+29	50	3.75	3.75		20°C
Varispeed	1+9	50	4	4		20°C
WD2D+		50			7	20°C
Xtol	1+3	25	10.5	10.5		20°C
Xtol	1+2	25	8.75	8.75		20°C
Xtol	1+1	25	6.75	6.75		20°C
Xtol		25	6	6		20°C
Xtol	1+3	50	12	12		20°C
Xtol	1+2	50	10	10		20°C
Xtol	1+1	50	7.75	7.75		20°C
Xtol		50	7	7		20°C
Xtol		100	8	8		20°C
Xtol	1+1	100	9.5	9.5		20°C
Xtol	1+2	100	11.5	11.5		20°C
Xtol	1+3	100	13.5	13.5		20°C
Xtol		200	9	9		20°C
Xtol	1+1	200	11.25	11.25		20°C
Xtol	1+2	200	13.25	13.25		20°C
Xtol	1+3	200	15.75	15.75		20°C

Xtol	1+3	400	18.5	18.5		20°C
Xtol	1+1	400	13	13		20°C
Xtol		400	10	10		20°C
Xtol	1+2	400	15.5	15.5		20°C

#### ILFORD FP 4+

Wywoływacz	Rozcieńczenie	Naświetlanie	35mm	120	Błony	Temp.
510-Pyro	1+100	125	7	7	7	21°C
510-Pyro	1+500	125	50	50	50	21°C
777		100	10-14			24°C
ACU-1	1+10	100	9	9		21°C
ACU-1	1+10	200			11	21°C
Acufine		125	4	4	4	20°C
Acufine		200		5.5	5.5	21°C
Acufine		200	6	6	6	20°C
Acufine		320	5			21°C
Aculux 2	1+9	125	6.5	9		20°C
Acutol	1+10	50	7	7	7	20°C
Acutol	1+14	125	6.75			20°C
Acutol	1+10	125	9	9	9	20°C
Acutol	1+9	125	6	8		20°C
Acutol	1+14	125		13		20°C
Acutol	1+10	200	12	12	12	20°C
Amaloco AM20		125	5	5		20°C
Amaloco AM20		200	6	6		20°C
Amaloco AM50		125	5	5		20°C
Amaloco AM74		125	3	3		20°C
Amaloco AM74		200	4	4		20°C
Amaloco AM74		400	5	5		20°C

Arista Liquid		125	7	7		20°C
Arista Premium	1+9	125	5.5	5.5		20°C
Artdol	1+3	125		3.5		20°C
Calbe A03		125	6.5	6.5		20°C
Calbe A49		125	8	8		20°C
D-23	1+3	100	13	13	13	20°C
D-23	1+1	100	8	8	8	20°C
D-23		100	6	6	6	20°C
D-76	1+3	50	17	17	17	20°C
D-76	1+1	50	8	8	8	20°C
D-76		50	6.5	6.5	6.5	20°C
D-76	1+1	80			9.5	21°C
D-76	1+1	125	11	11	11	20°C
D-76	1+3	125	20	20	20	20°C
D-76		125	8.5	8.5	8.5	20°C
D-76		200	10	10	10	20°C
D-76	1+1	200	15	15	15	20°C
Diafine		200			3+3	20°C
Diafine		250	3+3	3+3		20°C
Econodev 2	1+24	125	3.5			20°C
Econodev 2	1+49	125	6			20°C
Econotol 2	1+14	125	10	10	10	20°C
Econotol 2	1+9	125	6.5	6.5	6.5	20°C
Emofin		125	6+6	6+6	6+6	20°C
Ethol Blue	1+30	125		6.75		21°C
Ethol Blue	1+30	200	6	6.25		21°C
Ethol TEC	1+15	160			18	21°C
Ethol TEC	1+15	200	14	10.5		21°C
Ethol UFG		200		5.5		21°C
Ethol UFG		250	7.25		7	21°C
Extend Plus	1+15	125	8	8	8	20°C
F60	1+9	125	5.5	5.5	5.5	20°C

F60	1+9	125	5.5	5.5	5.5	20°C
F60	1+9	125	5	5	5	24°C
F60	1+19	250	9	9	9	24°C
F76+	1+9	125	5.5	5.5	5.5	20°C
F76+	1+9	125	5	5	5	24°C
F76+	1+19	250	9	9	9	24°C
FA-1027	1+14	125	9	9	9	20°C
FA-1027	1+9	125	6.5	6.5	6.5	20°C
FD10	1+14	125	9	9	9	20°C
FD10	1+9	125	6	6	6	20°C
FD30	1+9	125	5	5	5	20°C
FD30	1+7	125	4	4	4	20°C
FD30	1+9	250	7	7	7	20°C
FD30	1+5	250	4	4	4	20°C
FD30	1+7	250	6	6	6	20°C
FD30	1+5	500	7	7	7	20°C
FD30	1+7	500	9	9	9	20°C
FD30	1+9	500	13	13	13	20°C
FD30	1+7	1000	15	15	15	20°C
FD30	1+5	1000	11	11	11	20°C
FG7	1+15	80	9	9.5	11	21°C
FG7	1+15S	80	7	7.5	9	21°C
FG7	1+3	80	3.5	3.75	4.5	21°C
Fino S31		125	4.5	4.5	4.5	20°C
Fino ST33	1+1	125	3.75	3.75	3.75	20°C
Fino ST33		125	2.75	2.75	2.75	20°C
Fino ST33	1+1	250	4.5	4.5	4.5	20°C
Fino ST33		250	3.5	3.5	3.5	20°C
Fino ST33	1+1	500	6.5	6.5	6.5	20°C
Fomadon Excel		125	10			20°C
Fomadon P		125	10			20°C
FX-19		100	9	9	9	20°C
FX-2	1+1+8	64	9			20°C



FX-37	1+3	160	4.5	4.5	4.5	20°C
FX-39	1+9	125	5.5	8.5		20°C
FX-50		125	7.5	7.5		20°C
Gamma Plus	1+7	125	5.5	5.5		20°C
Gamma Plus	1+20	125	12	12	8	20°C
Gamma Plus	1+12	125	8	8	4.5	20°C
Gradual ST20	1+9	125	6.5	6.5	6.5	20°C
Gradual ST20	1+9	250	8	8	8	20°C
Gradual ST20	1+9	500	10.5	10.5	10.5	20°C
HC-110	B	50	6	6	6	20°C
HC-110	B	125	7-9	7-9	7-9	20°C
HC-110	A	125	4.5	4.5	4.5	20°C
HC-110	A	200	6	6	6	20°C
HC-110	B	200	12	12	12	20°C
ID-11	1+1	50	8	8	8	20°C
ID-11		50	6.5	6.5	6.5	20°C
ID-11	1+3	50	17	17	17	20°C
ID-11	1+1	80			9.5	21°C
ID-11	1+1	125	11	11	11	20°C
ID-11	1+3	125	20	20	20	20°C
ID-11		125	8.5	8.5	8.5	20°C
ID-11		200	10	10	10	20°C
ID-11	1+1	200	15	15	15	20°C
Ilfosol S	1+14	50	7.5	7.5	7.5	20°C
Ilfosol S	1+14	125	9.5	9.5	9.5	20°C
Ilfosol S	1+9	125	6.5	6.5	6.5	20°C
Ilfosol S	1+9	200	7.5	7.5	7.5	20°C
Ilfotec DD		50	7	7		24°C
Ilfotec DD		125	13	13		20°C
Ilfotec DD		125	8.5	8.5		24°C

Ilfotec DD		200	11.5	11.5		24°C
Ilfotec DD-X	1+4	50	8	8	8	20°C
Ilfotec DD-X	1+4	125	10	10	10	20°C
Ilfotec DD-X	1+4	200	12	12	12	20°C
Ilfotec HC	1+47	50	8	8	8	20°C
Ilfotec HC	1+31	50	6	6	6	20°C
Ilfotec HC	1+31	125	8	8	8	20°C
Ilfotec HC	1+47	125	12	12	12	20°C
Ilfotec HC	1+31	200	9	9	9	20°C
Ilfotec HC	1+15	200	5	5	5	20°C
Ilfotec LC29	1+19	50	6	6	6	20°C
Ilfotec LC29	1+29	50	8	8	8	20°C
Ilfotec LC29	1+19	125	8	8	8	20°C
Ilfotec LC29	1+29	125	12	12	12	20°C
Ilfotec LC29	1+19	200	9	9	9	20°C
Ilfotec LC29	1+9	200	5	5	5	20°C
Microdol-X	1+3	50	17	17	17	20°C
Microdol-X		50	10	10	10	20°C
Microdol-X		125	15	15	15	20°C
Microdol-X	1+3	125	23	23	23	20°C
Microfine FRPC		200	3+3	3+3	3+3	20°C
Microphen		125	8	8	8	20°C
Microphen	1+1	125	10	10	10	20°C
Microphen	1+3	125	14	14	14	20°C
Microphen	1+1	200	14	14	14	20°C
Microphen		200	9	9	9	20°C
Microphen	1+3	200	18	18	18	20°C
Microphen		400	15.5	15.5	15.5	20°C
Negafin		125	6.5	6.5	6.5	20°C
Neofin Blue		125	4	4	4	20°C
Neotenal Liquid	1+5	125	9	9	9	20°C
Neotenal		125	8	8	8	20°C

Powder						
Nucleol BF200	2+1.5	125	7	7	7	20°C
Nucleol BF200	2+1.5	250	11	11	11	20°C
Nucleol BF200	3.5+2	400	12	12	12	20°C
Ornano MX		125	4.5	4.5	4.5	20°C
Ornano MX		200	6	6	6	20°C
Ornano MX		400	8	8	8	20°C
Perceptol	1+3	50	17	17	17	20°C
Perceptol	1+1	50	13	13	13	20°C
Perceptol		50	9	9	9	20°C
Perceptol		125	12	12	12	20°C
Perceptol	1+1	125	15	15	15	20°C
Perceptol	1+3	125	21	21	21	20°C
Perceptol		400	17			20°C
PMK	1+2+100	125	10	10	10	20°C
Pressmax	1+19	125	5	5		20°C
Promicrol	1+14	185-250	9	9	9	20°C
Promicrol	1+9	185-250	6	6	6	20°C
Pyrocat-HD	1+1+100	64			8	20°C
R09	1+40	125	13	13		20°C
R09	1+40	125	12-14			20°C
R09	1+40	200	17	17		20°C
Refinal		125	6	6	6	20°C
Refinal		200	9	9	9	20°C
Rodinal	1+100	64	21			20°C
Rodinal	1+24	80	7.5			20°C
Rodinal	1+50	100	12			20°C
Rodinal	1+25	125	9	9	9	20°C
Rodinal	1+100	125	20	20	20	20°C
Rodinal	1+50	125	15	15	15	20°C
Rodinal	1+50	200	20	20	20	20°C

Rodinal	1+25	200	13	13	13	20°C
Rollo Pyro	1+2+100	100		5		24°C
Sprint Standard	1+9	125	8.5			20°C
Spur HRX	1+19	80	3.5-4			20°C
Spur SLD	1+9	125-160	3.5			20°C
Studional	1+15	100	3.5	3.5	3.5	20°C
Suprol	1+19	125	2.75	2.75		20°C
Tanol	1+1+100	80	13.5	13.5		20°C
Tanol	1+1+100	100			13.5	20°C
Tanol	1+1+100	125			13	20°C
TMax Dev	1+4	100	4.5	4.5		20°C
TMax Dev	1+4	125	4.5-8	4.5-8	4.5-8	20°C
TMax Dev	1+4	125	6.5	6.5		20°C
TMax Dev	1+9	160	11			24°C
TMax Dev	1+4	200	9	9	9	20°C
TMax Dev	1+4	320	12			20°C
TMax RS		125	5	7.5	7.5	24°C
Tofen S37		125	4.5	4.5	4.5	20°C
Tofen S37		200	6	6	6	20°C
Tofen S37		400	8.5	8.5	8.5	20°C
Ultrafin	1+20	125	11	11	11	20°C
Ultrafin	1+10	125	7-8	7-8	7-8	20°C
Ultrafin	1+10	200	9	9	9	20°C
Ultrafin	1+20	200	14	14	14	20°C
Ultrafin Plus	1+6	125	9	9	9	20°C
Ultrafin Plus	1+4	125	9	9	9	20°C
Ultrafin Plus	1+4	125	6-7	6-7	6-7	20°C
Ultrafin SF		125	9	9	9	20°C
Unitol	1+14	125	8	8	8	20°C
Universal	1+29	125	5.25	5.25		20°C
Universal	1+19	125	3.5	3.5		20°C

Varispeed	1+9	125	4.5	4.5	4.5	20°C
WD2D+		100		8	7	20°C
Xtol	1+3	32-64	12.5	12.5	12.5	20°C
Xtol	1+1	32-64	8.5	8.5	8.5	20°C
Xtol		32-64	6.5	6.5	6.5	20°C
Xtol	1+2	32-64	10	10	10	20°C
Xtol		125	8	8	8	20°C
Xtol	1+1	125	10	10	10	20°C
Xtol	1+2	125	11.5	11.5	11.5	20°C
Xtol	1+3	125	14.75	14.75	14.75	20°C
Xtol		250	9	9	9	20°C
Xtol	1+1	250	12	12	12	20°C
Xtol	1+3	250	17	17	17	20°C
Xtol	1+2	250	13.75	13.75	13.75	20°C
Xtol		500	11	11	11	20°C
Xtol	1+1	500	14.5	14.5	14.5	20°C
Xtol	1+2	500	17.25	17.25	17.25	20°C
Xtol	1+3	500	20	20	20	20°C
Xtol	1+2	1000	21	21	21	20°C
Xtol	1+3	1000	23.5	23.5	23.5	20°C
Xtol	1+1	1000	17.5	17.5	17.5	20°C
Xtol		1000	14	14	14	20°C

#### ILFORD HP 5+

Wywoływacz	Rozcieńczenie	Naświetlanie	35mm	120	Błony	Temp.
777		400	11-15			24°C
ACU-1	1+5	400			10.5	21°C
ACU-1	1+5	800		10.5		21°C
ACU-1	1+10	800	10			21°C
Acufine		400		7		21°C
Acufine		400	4.5		11	20°C
Acufine		640-800	6.5			21°C

Acufine		650		12		21°C
Acufine		800	6.5			20°C
Acufine		1600	9.5			20°C
Aculux 2	1+9	400	11	14.5		20°C
Acutol	1+14	320	8			20°C
Acutol	1+9	400	8	10.5		20°C
Acutol	1+20	640	18			20°C
Acutol	1+15	640	13.5			20°C
Acutol	1+10	640	9			20°C
Amaloco AM20		400	7.5	7.5		20°C
Amaloco AM20		800	9	9		20°C
Amaloco AM50		400	7.5	7.5		20°C
Amaloco AM74		400	5	5		20°C
Amaloco AM74		800	7	7		20°C
Arista Liquid		400	8	8		20°C
Arista Premium	1+9	400	7	7		20°C
Calbe A03		400	6.5	6.5		20°C
Calbe A49		400	7.5	7.5		20°C
D-23		400	7.5	7.5		20°C
D-23	1+1	400	13	13		20°C
D-23	1+3	400	20	20		20°C
D-23	1+1	800	20			20°C
D-76	1+3	200	14			20°C
D-76		400	7.5	7.5	7.5	20°C
D-76	1+3	400	20	20	20	20°C
D-76	1+1	400	13	13	13	20°C
D-76		800	10.5	10.5	10.5	20°C
D-76	1+1	800	16.5	16.5	16.5	20°C
D-76		1600	14	14	14	20°C

Diafine		640			3+3	20°C
Diafine		800	3+3	3+3		20°C
DK-50		400	6			20°C
Econodev 2	1+49	400	7			20°C
Econodev 2	1+24	400	4			20°C
Econotol 2	1+9	400	7	7	7	20°C
Econotol 2	1+14	400	10.5	10.5	10.5	20°C
Emofin		400	5.5+5.5	5.5+5,5	5.5+5,5	20°C
Emofin		800	8	8		20°C
Ethol Blue	1+30	640			6	21°C
Ethol Blue	1+30	800		5		21°C
Ethol Blue	1+30	1000	6.5			21°C
Ethol TEC	1+15	400		16		21°C
Ethol TEC	1+15	640	14.25		16.5	21°C
Ethol TEC	1+15	800	17.75			21°C
Ethol UFG		400			6	21°C
Ethol UFG		500	4.5	6.5		21°C
Ethol UFG		800	5.25			21°C
Extend Plus	1+15	400	10	10	10	20°C
F60	1+9	400	6	6	6	24°C
F60	1+9	400	7	7	7	20°C
F60	1+9	400	7	7	7	20°C
F60	1+19	800	12	12	12	24°C
F76+	1+14	250	9			20°C
F76+	1+9	400	6	6	6	24°C
F76+	1+9	400	7	7	7	20°C
F76+	1+19	800	12	12	12	24°C
FA-1027	1+14	400	9	9	9	20°C
FA-1027	1+9	400	6-7	6-7	6-7	20°C
FD10	1+14	400	11	11	11	20°C
FD10	1+9	400	7	7	7	20°C
FD30	1+7	400	5	5	5	20°C
FD30	1+9	400	6	6	6	20°C

FD30	1+9	800	9	9	9	20°C
FD30	1+7	800	7	7	7	20°C
FD30	1+5	800	5	5	5	20°C
FD30	1+9	1600	15	15	15	20°C
FD30	1+7	1600	10	10	10	20°C
FD30	1+5	1600	8	8	8	20°C
FD30	1+7	3200	16	16	16	20°C
FD30	1+5	3200	12	12	12	20°C
FG7	1+3	320	4.5	4.75	4.75	21°C
FG7	1+15	320	12.5	12	13	21°C
FG7	1+15S	320	7.5	8	9	21°C
Fino S31		400	7.5	7.5	7.5	20°C
Fino S31		800	11	11	11	20°C
Fino ST33		400	2.75	2.75	2.75	20°C
Fino ST33	1+1	400	5	5	5	20°C
Fino ST33		800	4	4	4	20°C
Fino ST33	1+1	800	8	8	8	20°C
Fino ST33		1600	11	11	11	20°C
Fino ST33	1+1	1600	25	25	25	20°C
Fino ST33		3200	15	15	15	20°C
Fomadon Excel		400	8			20°C
Fomadon P		400	14			20°C
FX-19		100	10	10	10	20°C
FX-37	1+3	640	6.5	6.5	6.5	20°C
FX-39	1+9	400	9	12		20°C
FX-50		400	13	13		20°C
Gamma Plus	1+20	400	11.5	11.5	8	20°C
Gamma Plus	1+12	400	9	9	5	20°C
Gamma Plus	1+7	400	6	6		20°C
Gradual ST20	1+9	400	11	11	11	20°C



HC-110	B	400	5	5	5	20°C
HC-110	A	400	2.5	2.5	2.5	20°C
HC-110	B	800	10			20°C
HC-110	A	800	3.5	3.5	3.5	20°C
HC-110	B	800	7.5	7.5	7.5	20°C
HC-110	B	1600	11	11	11	20°C
HC-110	A	1600	5.5	5.5	5.5	20°C
HC-110	A	3200	9.5	9.5	9.5	20°C
HC-110	H	3200	38			20°C
Heico OS	1+10	400	5.25	5.25	5.25	20°C
ID-11	1+3	200	14			20°C
ID-11		400	7.5	7.5	7.5	20°C
ID-11	1+3	400	20	20	20	20°C
ID-11	1+1	400	13	13	13	20°C
ID-11		800	10.5	10.5	10.5	20°C
ID-11	1+1	800	16.5	16.5	16.5	20°C
ID-11		1600	14	14	14	20°C
ID-11	1+7	1600	60			20°C
Ilfosol S	1+9	400	7	7	7	20°C
Ilfosol S	1+14	400	9.5	9.5	9.5	20°C
Ilfosol S	1+14	800	14	14	14	20°C
Ilfosol S	1+9	800	8.5	8.5	8.5	20°C
Ilfosol S	1+9	1600	14	14	14	20°C
Ilfotec DD		200	6	6		24°C
Ilfotec DD		400	7	7		24°C
Ilfotec DD		400	10	10		20°C
Ilfotec DD		800	10	10		24°C
Ilfotec DD		1600	14	14		24°C
Ilfotec DD		3200	18	18		24°C
Ilfotec DD-X	1+9	400	11.75			24°C
Ilfotec DD-X	1+9	400	15.75			20°C
Ilfotec DD-X	1+4	400	9	9	9	20°C
Ilfotec DD-X	1+9	640	9	9		24°C

Ilfotec DD-X	1+4	800	10	10	10	20°C
Ilfotec DD-X	1+4	1600	13	13	13	20°C
Ilfotec DD-X	1+9	1600	16			24°C
Ilfotec DD-X	1+4	3200	20	20	20	20°C
Ilfotec HC	1+47	400	9	9	9	20°C
Ilfotec HC	1+31	400	6.5	6.5	6.5	20°C
Ilfotec HC	1+31	800	9.5	9.5	9.5	20°C
Ilfotec HC	1+15	800	5	5	5	20°C
Ilfotec HC	1+15	1600	7.5	7.5	7.5	20°C
Ilfotec HC	1+31	1600	14	14	14	20°C
Ilfotec HC	1+15	3200	11	11	11	20°C
Ilfotec LC29	1+19	400	6.5	6.5	6.5	20°C
Ilfotec LC29	1+29	400	9	9	9	20°C
Ilfotec LC29	1+19	800	9.5	9.5	9.5	20°C
Ilfotec LC29	1+9	800	5	5	5	20°C
Ilfotec LC29	1+9	1600	7.5	7.5	7.5	20°C
Ilfotec LC29	1+19	1600	14	14	14	20°C
Ilfotec LC29	1+9	3200	12.5	12.5	12.5	20°C
Microdol-X		400	11	11	11	20°C
Microdol-X	1+3	400	25	25	25	20°C
Microfine FRPC		640	3+3	3+3	3+3	20°C
Microphen		400	6.5	6.5	6.5	20°C
Microphen	1+1	400	12	12	12	20°C
Microphen	1+3	400	23	23	23	20°C
Microphen		800	8	8	8	20°C
Microphen	1+1	800	15	15	15	20°C
Microphen		1600	11	11	11	20°C
Microphen		3200	16	16	16	20°C
Negafin		400	6.5	6.5	6.5	20°C
Neofin Red		400	12	12	12	20°C
Neotenal Liquid	1+5	400	3.5	3.5	3.5	20°C
Neotenal		400	6	6	6	20°C

Powder						
Nucleol BF200	2+1.5	400	9.5	9.5	9.5	20°C
Nucleol BF200	2+1.5	800	14	14	14	20°C
Nucleol BF200	3.5+2	1600	16	16	16	20°C
Nucleol BF200	6+3.5	3200	25	25	25	20°C
Ornano MX		400	6.5	6.5	6.5	20°C
Ornano MX		800	8	8	8	20°C
Ornano MX		1600	9.5	9.5	9.5	20°C
Ornano MX		3200	11	11	11	20°C
Perceptol		200-400	11	11	11	20°C
Perceptol	1+2	200	14.5	14.5		20°C
Perceptol	1+1	400	15	15	15	20°C
Perceptol	1+3	400	25	25	25	20°C
PMK	1+2+100	400	12	12	12	20°C
PMK	1+2+100	3200	25			21°C
Pressmax	1+19	400	7.5	7.5		20°C
Promicrol	1+9	600-800	11	11	11	20°C
Promicrol	1+14	600-800	16	16	16	20°C
Pyrocat-HD		200		8		27°C
R09	1+40	400	12-14			20°C
Refinal		400	6	6	6	20°C
Refinal		800	8.5	8.5	8.5	20°C
Refinal		1600		11.5		20°C
Rodinal	1+100	160	20	20	20	20°C
Rodinal	1+25	200		4.75		20°C
Rodinal	1+50	200	10	10		20°C
Rodinal	1+25	400	6	6	6	20°C
Rodinal	23+1000	400	13.5			20°C
Rodinal	1+100	400	16			20°C
Rodinal	1+50	400	11	11	11	20°C
Rodinal	1+50	400	7.25			24°C

Rodinal	1+50	800	16	16	16	20°C
Rodinal	1+25	800	8	8	8	20°C
Rodinal	1+50	1600	24	24	24	20°C
Rodinal	1+25	1600	12	12	12	20°C
Rodinal	1+25	3200	18			21°C
Sprint Standard	1+9	400	10			20°C
Spur HRX	1+19	300	8.5			20°C
Spur SLD	1+9	600	6			20°C
Studional	1+15	400	4	4	4	20°C
Suprol	1+19	400	3.25	3.25		20°C
Tanol	1+1+100	200	12.5	12.5		24°C
Tanol	1+1+100	250			12	20°C
Tanol	1+1+100	400			14	20°C
TMax Dev	1+4	125	4.5	4.5		20°C
TMax Dev	1+4	400	6.5	6.5	6.5	20°C
TMax Dev	1+9	500	15	15	15	24°C
TMax Dev	1+4	800	8	8	8	20°C
TMax Dev	1+4	1600	9.5	9.5	9.5	20°C
TMax Dev	1+4	3200	9.5			24°C
TMax Dev	1+4	3200	11.5	11.5	11.5	20°C
TMax RS		250	5	5	5	20°C
TMax RS		400	6.5	6.5	6.5	20°C
TMax RS		800	5	5	5	24°C
TMax RS		1600	7	7	7	24°C
TMax RS		3200	10.5	10.5	10.5	24°C
Tofen S37		400	5	5	5	20°C
Tofen S37		800	7	7	7	20°C
Tofen S37		1600	13	13	13	20°C
Ultrafin	1+20	400	8	8	8	20°C
Ultrafin	1+10	400	4.5	4.5	4.5	20°C
Ultrafin Plus	1+4	400	7.5	7.5	7.5	20°C
Ultrafin Plus	1+6	400	9	9	9	20°C

Ultrafin SF	1+1	400	10	10	10	20°C
Ultrafin SF		400	7.5	7.5	7.5	20°C
Unitol	1+14	400	9	9	9	20°C
Universal	1+19	400	4.5	4.5		20°C
Universal	1+29	400	7.5	7.5		20°C
Varispeed	1+9	400	6	6	6	20°C
WD2D+		400			9	20°C
Xtol	1+3	100-200	14.5	14.5	14.5	20°C
Xtol	1+2	100-200	12.75	12.75	12.75	20°C
Xtol	1+1	100-200	10.25	10.25	10.25	20°C
Xtol		200	7.5	7.5	7.5	20°C
Xtol	1+3	400	18	18	18	20°C
Xtol		400	8.5	8.5	8.5	20°C
Xtol	1+1	400	12	12	12	20°C
Xtol	1+2	400	15.5	15.5	15.5	20°C
Xtol	1+2	800	18	18	18	20°C
Xtol	1+1	800	14.25	14.25	14.25	20°C
Xtol		800	10.5	10.5	10.5	20°C
Xtol	1+3	800	23	23	23	20°C
Xtol	1+3	1600	27.5	27.5	27.5	20°C
Xtol	1+1	1600	18	18	18	20°C
Xtol	1+2	1600	21	21	21	20°C
Xtol		1600	13	13	13	20°C
Xtol	1+1	3200	22.5	22.5	22.5	20°C
Xtol		3200	17.5	17.5	17.5	20°C
Xtol	1+2	3200		28		20°C

#### ILFORD DELTA 100

Wywoływacz	Rozcieńczenie	Naświetlanie	35mm	120	Błony	Temp.
ACU-1	1+10	100	8	8	8	21°C
Acufine		200	5.5	5.5	5.5	20°C
Aculux 2	1+9	100	8	11		20°C

Acutol	1+9	100	8	11		20°C
Acutol	1+10	100	8			20°C
Amaloco AM20		100	6.5	6.5		20°C
Amaloco AM20		200	8	8		20°C
Amaloco AM50		100	6.5	6.5		20°C
Amaloco AM74		100	4	4		20°C
Amaloco AM74		200	6	6		20°C
Arista Liquid		100	7	7		20°C
Arista Premium	1+9	100	7	7		20°C
Beutler	1+1+10	64			14	20°C
Calbe A03		100	7	7		20°C
Calbe A49		100	6.25	6.25		20°C
D-23		100	7	7	7	20°C
D-23	1+1	100	10	10	10	20°C
D-23	1+3	100	15.5	15.5	15.5	20°C
D-76	1+1	50	10	10	9.5-10	20°C
D-76		50	7	7	7	20°C
D-76	1+3	50	15	15	14-15	20°C
D-76	1+1	100	11	11	11-12	20°C
D-76		100	8.5	8.5	8.5-9	20°C
D-76	1+3	100	20	20	20-22	20°C
D-76		200	10.5	10.5	10.5-11	20°C
D-76	1+1	200	13	13	13-14	20°C
DK-76	1+3	100	17.5	17.5	17.5	20°C
Econodev 2	1+49	100	6	6		20°C
Econotol 2	1+9	100	6	6	6	20°C
Econotol 2	1+14	100	9	9	9	20°C
Emofin		100	3+3	3+3	3+3	20°C
Ethol Blue	1+30	100	6	6	6	21°C

Ethol TEC	1+15	100	15	15	15	21°C
Ethol UFG		100	5.5	5.5	5.5	21°C
F60	1+9	50	6	6	6	20°C
F60	1+9	100	7	7	7	20°C
F76+	1+14	50	6	6	6	20°C
F76+	1+9	50	5.5	5.5	5.5	20°C
F76+	1+9	50	6	6	6	20°C
F76+	1+14	100	9.5	9.5	9.5	20°C
F76+	1+9	100	6.5	6.5	6.5	20°C
F76+	1+9	100	7	7	7	20°C
FA-1027	1+14	100	9	9	9	20°C
FA-1027	1+9	100	6.5	6.5	6.5	20°C
FD10	1+9	100	7	7	7	20°C
FD10	1+14	100	13	13	13	20°C
FG7	1+15S	100	7	7	7	21°C
FG7	1+15	100	10	10	10	21°C
FG7	1+3	100	4	4	4	21°C
Fino ST33	1+1	64	3.75	3.75	3.75	20°C
Fino ST33	1+1	100	3.5	3.5	3.5	24°C
Fomadon P		100	10			20°C
FX-19		100	9	9	9	20°C
FX-2	1+1+8	64			13.25	20°C
FX-37	1+3	100	8.25	8.25	8.25	20°C
FX-37	1+3	160	7.5	7.5	7.5	20°C
FX-39	1+9	100	7	11		20°C
FX-50		100	8.5	8.5		20°C
Gamma Plus	1+20	100	8.5	8.5	8.5	20°C
Gamma Plus	1+7	100	4	4	4	20°C
Gamma Plus	1+12	100	6	6	6	20°C
Gradual ST20	1+9	100	6	6	6	24°C
HC-110	E	50	5.5	5.5	5.5	20°C

HC-110	B	50	5	5	5	20°C
HC-110	E	100	7.5	7.5	7.5	20°C
HC-110	B	100	6	6	6	20°C
HC-110	B	200	8	8	8	20°C
HC-110	E	200	10	10	10	20°C
Heico OS	1+7	100			5.5	20°C
Heico OS	1+9	100		6.5	6	20°C
Hypercat	1+1+100	80	6.5			21°C
Hypercat	1+1+300	80	25			21°C
ID-11	1+1	50	10	10	9.5-10	20°C
ID-11	1+3	50	15	15	14-15	20°C
ID-11		50	7	7	7	20°C
ID-11		100	8.5	8.5	8.5-9	20°C
ID-11	1+1	100	11	11	11-12	20°C
ID-11	1+3	100	20	20	20-22	20°C
ID-11	1+1	200	13	13	13-14	20°C
ID-11		200	10.5	10.5	10.5-11	20°C
Ilfosol S	1+14	50	6.5	6.5	6.5	20°C
Ilfosol S	1+14	100	10	10	10	20°C
Ilfosol S	1+9	100	6	6	6	20°C
Ilfotec DD		50	8	8		24°C
Ilfotec DD		100	9.5	9.5		24°C
Ilfotec DD		100	13	13		20°C
Ilfotec DD		200	12.5	12.5		24°C
Ilfotec DD-X	1+4	50	9.5	9.5	9.5	20°C
Ilfotec DD-X	1+4	100	12	12	12	20°C
Ilfotec DD-X	1+9	100	14.5			24°C
Ilfotec DD-X	1+4	200	14	14	14	20°C
Ilfotec HC	1+47	50	5.5	5.5	5.5	20°C
Ilfotec HC	1+31	50	5	5	5	20°C
Ilfotec HC	1+47	100	7.5	7.5	7.5	20°C
Ilfotec HC	1+31	100	6	6	6	20°C
Ilfotec HC	1+47	200	10	10	10	20°C



Ifotec HC	1+31	200	8	8	8	20°C
Ifotec LC29	1+19	50	4.5	4.5		20°C
Ifotec LC29	1+29	50	5.5	5.5		20°C
Ifotec LC29	1+29	100	7	7		20°C
Ifotec LC29	1+19	100	5	5		20°C
Microdol-X	1+3	50	16	16	16	20°C
Microdol-X		50	12	12	12	20°C
Microdol-X		100	15	15	15	20°C
Microdol-X	1+3	100	22	22	22	20°C
Microphen		100	6.5	6.5	6.5	20°C
Microphen	1+3	100	14	14	14	20°C
Microphen	1+1	100	10	10	10	20°C
Microphen	1+1	200	14	14	14	20°C
Microphen		200	8	8	8	20°C
Microphen	1+3	200	20	20	20	20°C
Microphen		400	10	10	10	20°C
Negafin		100	8	8	8	20°C
Neofin Blue		100	7	7	7	20°C
Neotenal Liquid	1+5	100	3.5	3.5	3.5	20°C
Neotenal Powder		100	6	6	6	20°C
Nucleol BF200	2+1.5	100	11	11	11	20°C
Ornano MX		100	4.75	4.75	4.75	20°C
Perceptol		25	9	9	9	20°C
Perceptol	1+1	50	13	13	13	20°C
Perceptol		50	12	12	12	20°C
Perceptol	1+3	50	16	16	16	20°C
Perceptol		100	15	15	15	20°C
Perceptol	1+3	100	22	22	22	20°C
Perceptol	1+1	100	17	17	17	20°C
PMK	1+2+100	?	11	11	11	20°C
Pressmax	1+19	100	7.5	7.5		20°C

Promicrol	1+14	150-200	12	12	12	20°C
Promicrol	1+9	150-200	8	8	8	20°C
Pyrocat-HD		100	45			20°C
R09	1+40	100	10-12			20°C
Refinal		100	5	5	5	20°C
Refinal		200	9	9	9	20°C
Rodinal	1+25	50	7	7	7	20°C
Rodinal	1+50	50	10	10	10	20°C
Rodinal	1+50	100	14	14	14	20°C
Rodinal	1+25	100	9	9	9	20°C
Rodinal	1+50	125	16	16	16	20°C
SPD		100	5	5	5	20°C
SPD	1+1	100	7	7	7	20°C
SPD		200	8	8	8	20°C
Sprint Standard	1+9	100	8.5			20°C
Spur HRX	1+19	80-100	5	5		20°C
Spur SLD	1+9	160	4			20°C
Studional	1+15	100	6	6		20°C
Studional	1+15	200	8	8		20°C
Suprol	1+19	100	2.75	2.75	2.75	20°C
Tanol	1+1+100	80			12.5	20°C
Tanol	1+1+100	80	11.5	11.5		22°C
Tanol	1+1+100	125			13	20°C
TG7	1+15	100	8	8	8	21°C
TG7	1+3	100	5.5	5.5	5.5	21°C
TG7	1+15S	100	6	6	6	21°C
TMax Dev	1+4	50	6	6	6	20°C
TMax Dev	1+9	80	12	12	12	24°C
TMax Dev	1+4	100	7	7	7	20°C
TMax Dev	1+4	200	8	8	8	20°C
TMax RS		50	5	5	5	24°C
TMax RS		100	6	6	6	24°C
TMax RS		200	8	8	8	24°C

Ultrafin	1+20	100	10	10	10	20°C
Ultrafin Plus	1+4	100	7	7	7	20°C
Ultrafin Plus	1+6	100	9	9	9	20°C
Ultrafin SF	1+1	100	9	9	9	20°C
Ultrafin SF		100	7.5	7.5	7.5	20°C
Unitol	1+14	100	6	6	6	20°C
Universal	1+19	100	3	3		20°C
Universal	1+29	100	4.5	4.5		20°C
Varispeed	1+9	100	5.5	5.5	5.5	20°C
WD2D+		100			7	20°C
Xtol	1+3	25-50	13.5	13.5	13.5	20°C
Xtol		25-50	6.75	6.75	6.75	20°C
Xtol	1+2	25-50	11	11	11	20°C
Xtol	1+1	25-50	9	9	9	20°C
Xtol	1+2	100	13	13	13	20°C
Xtol		100	8	8	8	20°C
Xtol	1+3	100	15.5	15.5	15.5	20°C
Xtol	1+1	100	10.5	10.5	10.5	20°C
Xtol	1+3	200	17.5	17.5	17.5	20°C
Xtol	1+1	200	12	12	12	20°C
Xtol	1+2	200	15	15	15	20°C
Xtol		200	9.5	9.5	9.5	20°C
Xtol		400	11.5	11.5	11.5	20°C
Xtol	1+2	400	17.5	17.5	17.5	20°C
Xtol	1+3	400	20.5	20.5	20.5	20°C
Xtol	1+1	400	14	14	14	20°C
Xtol	1+2	800	21.5	21.5	21.5	20°C
Xtol		800	14.5	14.5	14.5	20°C
Xtol	1+3	800	24.25	24.25	24.25	20°C
Xtol	1+1	800	16.75	16.75	16.75	20°C

**ILFORD DELTA 400**

<b>Wywoływacz</b>	<b>Rozcieńczenie</b>	<b>Naświetlanie</b>	<b>35mm</b>	<b>120</b>	<b>Blony</b>	<b>Temp.</b>
Acufine		200	7	7		20°C
Acufine		400	9	9		20°C
Acufine		500	11	11		20°C
Acufine		800	13	13		20°C
Acufine		1600	16	16		20°C
Acufine		3200	19	19		24°C
Aculux 2	1+9	400	9	12.5		20°C
Acutol	1+14	320	9			20°C
Acutol	1+9	400	9	12		20°C
Amaloco AM20		400	10.5	10.5		20°C
Amaloco AM20		800	14	14		20°C
Amaloco AM50		400	10.5	10.5		20°C
Amaloco AM74		400	7.5	7.5		20°C
Amaloco AM74		800	10	10		20°C
Arista Liquid		400	8	8		20°C
Arista Premium	1+9	400	7.5	7.5		20°C
Atomal		200	8	8		20°C
Atomal		250	9	9		20°C
Beutler	1+1+10	320			16	20°C
D-23		400	7	7		20°C
D-23	1+1	400	10.5	10.5		20°C
D-23	1+3	400	16.5	16.5		20°C
D-76	1+3	200	18	18		20°C
D-76	1+1	200	10	10		20°C
D-76		200	7	7		20°C
D-76	1+1	400	14	14		20°C
D-76		400	9.5	9.5		20°C

D-76	1+3	500	19.5	19.5		24°C
D-76		800	11.5	11.5		20°C
D-76	1+1	800	17.5	17.5		20°C
D-76		1600	14.5	14.5		20°C
D-76		3200	19	19		20°C
DK-76	1+3	400	14.5	16	16	20°C
DK-76b	1+3	400		17.5		20°C
Econodev 2	1+49	400	12	12		20°C
Econodev 2	1+24	400	6	6		20°C
F60	1+9	400	7.5	8.5		20°C
F60	1+9	800	10	11		20°C
F60	1+9	1600	14	15.5		20°C
F76+	1+14	200	11	12		20°C
F76+	1+14	400	13.5	15		20°C
F76+	1+9	400	7	8		20°C
F76+	1+9	800	9.5	10.5		20°C
F76+	1+9	1600	13	14.5		20°C
FA-1027	1+9	400	8	8	8	20°C
FA-1027	1+14	400	15	15	15	20°C
FD10	1+14	400	12	12		20°C
FD10	1+9	400	8	8		20°C
Fomadon P		400	10			20°C
FX-19		100	10	10	10	20°C
FX-2	1+1+8	320			15.25	20°C
FX-37	1+3	400	7.5	7.5	7.5	20°C
FX-39	1+9	400	10	13		20°C
FX-50		400	11	11		20°C
HC-110	B	200	5	5		20°C
HC-110	A	320	4	4		20°C
HC-110	B	400	7.5	7.5		20°C
HC-110	B	800	10	10		20°C
HC-110	A	800	5.5	5.5		20°C
HC-110	A	1600	7.5	7.5		20°C

HC-110	B	1600	13.5	13.5		20°C
HC-110	A	3200	13	13		20°C
ID-11		200	7	7		20°C
ID-11	1+1	200	10	10		20°C
ID-11	1+3	200	18	18		20°C
ID-11	1+1	400	14	14		20°C
ID-11		400	9.5	9.5		20°C
ID-11	1+3	500	19.5	19.5		24°C
ID-11		800	11.5	11.5		20°C
ID-11	1+1	800	17.5	17.5		20°C
ID-11		1600	14.5	14.5		20°C
ID-11		3200	19	19		20°C
Iffosol S	1+14	200	10	10		20°C
Iffosol S	1+9	200	6.5	6.5		20°C
Iffosol S	1+9	400	9	9		20°C
Iffosol S	1+14	400	13	13		20°C
Iffosol S	1+9	800	14	14		20°C
Ifotec DD		200	6	6		24°C
Ifotec DD		400	11	11		20°C
Ifotec DD		400	7	7		24°C
Ifotec DD		800	10	10		24°C
Ifotec DD		1600	13	13		24°C
Ifotec DD		3200	14	14		24°C
Ifotec DD-X	1+4	200	6	6		20°C
Ifotec DD-X	1+4	400	8	8		20°C
Ifotec DD-X	1+9	400		9.25		24°C
Ifotec DD-X	1+4	500	9.5	9.5		20°C
Ifotec DD-X	1+4	800	10.5	10.5		20°C
Ifotec DD-X	1+4	1600	13.5	13.5		20°C
Ifotec DD-X	1+4	3200	18	18		20°C
Ifotec HC	1+31	200	5	5		20°C
Ifotec HC	1+15	320	4	4		20°C
Ifotec HC	1+31	400	7.5	7.5		20°C

Ilfotec HC	1+31	800	10	10		20°C
Ilfotec HC	1+15	800	5.5	5.5		20°C
Ilfotec HC	1+15	1600	7.5	7.5		20°C
Ilfotec HC	1+31	1600	13.5	13.5		20°C
Ilfotec HC	1+15	3200	13	13		20°C
Ilfotec LC29	1+19	200	5	5		20°C
Ilfotec LC29	1+29	200	8.5	8.5		20°C
Ilfotec LC29	1+9	320	4	4		20°C
Ilfotec LC29	1+19	400	7.5	7.5		20°C
Ilfotec LC29	1+29	400	11.5	11.5		20°C
Ilfotec LC29	1+9	800	5.5	5.5		20°C
Ilfotec LC29	1+29	800	17	17		20°C
Ilfotec LC29	1+19	800	10	10		20°C
Ilfotec LC29	1+19	1600	13.5	13.5		20°C
Ilfotec LC29	1+9	1600	7.5	7.5		20°C
Ilfotec LC29	1+9	3200	13	13		20°C
Microdol-X	1+1	200	14.5	14.5		20°C
Microdol-X		200	11	11		20°C
Microdol-X		320	13.5	13.5		20°C
Microdol-X	1+1	320	16.5	16.5		20°C
Microphen		200	5	5		20°C
Microphen	1+1	200	8.5	8.5		20°C
Microphen	1+3	200	16	16		20°C
Microphen	1+1	400	11.5	11.5		20°C
Microphen		400	6.5	6.5		20°C
Microphen		500	7.5	7.5		20°C
Microphen	1+1	500	13.5	13.5		20°C
Microphen	1+3	500	20	20		24°C
Microphen		800	8.5	8.5		20°C
Microphen	1+1	800	15.5	15.5		20°C
Microphen	1+1	1600	19	19		20°C
Microphen		1600	10.5	10.5		20°C
Microphen		3200	14	14		20°C

Perceptol	1+3	200	18.5	18.5		20°C
Perceptol		200	10	10		20°C
Perceptol	1+1	200	12.5	12.5		20°C
Perceptol		250	12	12		20°C
Perceptol	1+1	320	15.5	15.5		20°C
Promicrol	1+14	600-800	16	16		20°C
Promicrol	1+9	600-800	11	11		20°C
Pyrocat-HD	1+1+100	400		12		21°C
R09	1+40	400	12-14			20°C
Rodinal	1+50	200	11	11		20°C
Rodinal	1+25	200	6.5	6.5		20°C
Rodinal	1+24	250	7.5			20°C
Rodinal	1+200	400		105		20°C
Rodinal	1+100	400	36			20°C
Rodinal	1+25	400	9	9		20°C
Rodinal	1+50	400	20	20		20°C
Rodinal	1+25	800	16	16		24°C
Rodinal	1+16	1600		20		20°C
Sprint Standard	1+9	400	11.5			20°C
Spur SLD	1+9	500-800	5			20°C
Suprol	1+19	400	4.5	4.5		20°C
Tanol	1+1+100	250	14.5	14.5		24°C
TMax Dev	1+4	200	4	4		24°C
TMax Dev	1+4	200	5	5		20°C
TMax Dev	1+4	400	6.5	6.5		20°C
TMax Dev	1+4	500	5.5	5.5		24°C
TMax Dev	1+4	500	7	7		20°C
TMax Dev	1+4	800	8.5	8.5		20°C
TMax Dev	1+4	800	7	7		24°C
TMax Dev	1+4	1600	10.5	10.5		20°C
TMax Dev	1+4	1600	8.5	8.5		24°C
TMax Dev	1+4	3200	13.5	13.5		20°C
TMax Dev	1+4	3200	11	11		24°C



TMax RS		3200	13.5	13.5		22°C
Ultrafin Plus	1+4	200	6	6		20°C
Ultrafin Plus	1+4	500	10	10		20°C
Ultrafin Plus	1+4	800	12	12		20°C
Ultrafin Plus	1+4	1600	16.5	16.5		20°C
Ultrafin Plus	1+4	3200	13.5	13.5		24°C
Ultrafin SF		200	5.5	5.5		20°C
Ultrafin SF	1+1	200	14	14		20°C
Ultrafin SF	1+1	500	15.5	15.5		24°C
Ultrafin SF		500	8	8		20°C
Ultrafin SF	1+1	800	17.5	17.5		24°C
Ultrafin SF		800	9	9		20°C
Ultrafin SF		1600	11	11		20°C
Ultrafin SF		3200	14.5	14.5		20°C
Universal	1+19	400	4.5	4.5		20°C
Universal	1+29	400	7.5	7.5		20°C
WD2D+		400			9	20°C
Xtol		200	6	6		20°C
Xtol	1+1	200	9	9		20°C
Xtol		400	7.5	7.5		20°C
Xtol	1+1	400	11.5	11.5		20°C
Xtol	1+1	500	13	13		20°C
Xtol		500	8.5	8.5		20°C
Xtol	1+1	800	15.5	15.5		20°C
Xtol		800	10	10		20°C
Xtol	1+1	1600	20	20		20°C
Xtol		1600	13	13		20°C
Xtol		3200	17	17		20°C
Xtol	1+1	3200	18	18		24°C

**ILFORD DELTA 3200**

<b>Wywoływacz</b>	<b>Rozcieńczenie</b>	<b>Naświetlanie</b>	<b>35mm</b>	<b>120</b>	<b>Blony</b>	<b>Temp.</b>
Aculux 2	1+5	800	9	9		20°C
Aculux 2	1+5	1600	11	11		20°C
Aculux 2	1+5	3200	13	13		20°C
Aculux 2	1+5	6400	15	15		20°C
Aculux 2	1+5	12500	18	18		20°C
Acutol	1+31	3200	120			20°C
Amaloco AM20		800	7	7		20°C
Amaloco AM20		1600	10	10		20°C
Amaloco AM50		800	7	7		20°C
Amaloco AM50		1600	10	10		20°C
Amaloco AM74		400	6	6		20°C
Amaloco AM74		800	7	7		20°C
Amaloco AM74		1600	9.5	9.5		20°C
Amaloco AM74		3200	10.5	10.5		20°C
Amaloco AM74		6400	13	13		20°C
D-76		400	7	7		20°C
D-76		800	8	8		20°C
D-76		1600	9.5	9.5		20°C
D-76		3200	10.5	10.5		20°C
D-76		6400	13	13		20°C
D-76		12500	17	17		20°C
Econodev 2	1+24	3200	7.5			20°C
Econodev 2	1+9	3200	11			20°C
F76+	1+9	3200	10			20°C
FD10	1+9	3200	11	11		20°C
FD10	1+14	3200	14	14		20°C

FG7	1+15S	3200	11	11		21°C
FG7	1+15	3200	16	16		21°C
FX-19		100	11	11		20°C
FX-39	1+5	1600	9	9		20°C
FX-39	1+5	3200	11	11		20°C
FX-39	1+5	6400	13	13		20°C
FX-39	1+5	12500	15	15		20°C
HC-110	B	400	6	6		20°C
HC-110	B	800	7.5	7.5		20°C
HC-110	A	800	4.5	4.5		20°C
HC-110	B	1600	9	9		20°C
HC-110	A	1600	5	5		20°C
HC-110	B	3200	14.5	14.5		20°C
HC-110	A	3200	8	8		20°C
HC-110	A	6400	13	13		20°C
ID-11		400	7	7		20°C
ID-11		800	8	8		20°C
ID-11		1600	9.5	9.5		20°C
ID-11	1+3	3200		35		20°C
ID-11		3200	10.5	10.5		20°C
ID-11		6400	13	13		20°C
ID-11		12500	17	17		20°C
Ilfosol S	1+9	400	6.5	6.5		20°C
Ilfosol S	1+9	800	8	8		20°C
Ilfosol S	1+9	1600	10.5	10.5		20°C
Ilfosol S	1+9	3200	13	13		20°C
Ilfotec DD		400	8	8		24°C
Ilfotec DD		800	8.5	8.5		24°C
Ilfotec DD		1600	9.5	9.5		24°C
Ilfotec DD		3200	10.5	10.5		24°C
Ilfotec DD		3200	12.5	12.5		20°C
Ilfotec DD		6400	13.5	13.5		24°C
Ilfotec DD		12500	19	19		24°C

Ilfotec DD-X	1+4	400	6	6		20°C
Ilfotec DD-X	1+9	800	13	13		20°C
Ilfotec DD-X	1+4	800	7	7		20°C
Ilfotec DD-X	1+9	1600	20	20		20°C
Ilfotec DD-X	1+4	1600	8	8		20°C
Ilfotec DD-X	1+4	3200	9.5	9.5		20°C
Ilfotec DD-X	1+4	6400	12.5	12.5		20°C
Ilfotec DD-X	1+4	12500	17	17		20°C
Ilfotec DD-X	1+4	25000	17			24°C
Ilfotec DD-X	1+4	25000	25			20°C
Ilfotec HC	1+31	400	6	6		20°C
Ilfotec HC	1+15	800	4.5	4.5		20°C
Ilfotec HC	1+31	800	7.5	7.5		20°C
Ilfotec HC	1+15	1600	5	5		20°C
Ilfotec HC	1+31	1600	9	9		20°C
Ilfotec HC	1+15	3200	8	8		20°C
Ilfotec HC	1+31	3200	14.5	14.5		20°C
Ilfotec HC	1+15	6400	13	13		20°C
Ilfotec LC29	1+19	400	6	6		20°C
Ilfotec LC29	1+19	800	7.5	7.5		20°C
Ilfotec LC29	1+9	800	4.5	4.5		20°C
Ilfotec LC29	1+9	1600	5	5		20°C
Ilfotec LC29	1+19	1600	9	9		20°C
Ilfotec LC29	1+19	3200	14.5	14.5		20°C
Ilfotec LC29	1+9	3200	8	8		20°C
Ilfotec LC29	1+9	6400	13	13		20°C
Microdol-X		400	10	10		20°C
Microdol-X		800	11.5	11.5		20°C
Microdol-X		1600	13	13		20°C
Microdol-X		3200	18	18		20°C
Microphen		400	6	6		20°C
Microphen		800	7	7		20°C
Microphen		1600	8	8		20°C

Microphen		3200	9	9		20°C
Microphen		6400	12	12		20°C
Microphen		12500	16.5	16.5		20°C
Perceptol		400	11	11		20°C
Perceptol		800	13	13		20°C
Perceptol		1600	15	15		20°C
Perceptol		3200	18	18		20°C
PMK	1+2+100	1600		18		24°C
Promicrol	1+9	4800-6400	14	14		20°C
Promicrol	1+14	4800-6400	21	21		20°C
Rodinal	1+25	400	5.5	5.5		20°C
Rodinal	1+25	800	7	7		20°C
Rodinal	1+25	1600	9	9		20°C
Rodinal	1+25	3200	11	11		20°C
Rodinal	1+25	6400	20	20		20°C
Sprint Standard	2+8	3200	11.25			24°C
Studional	1+15	1250	6	6		20°C
Suprol	1+19	3200	6	6		20°C
Tanol	1+1+100	1000	17	17		22°C
TMax Dev	1+4	400	5.5	5.5		20°C
TMax Dev	1+4	800	6.5	6.5		20°C
TMax Dev	1+4	1600	7.5	7.5		20°C
TMax Dev	1+4	3200	8.5	8.5		20°C
TMax Dev	1+4	6400	11	11		20°C
TMax Dev	1+4	12500	14	14		20°C
Ultrafin Plus	1+4	800		8.5		20°C
Ultrafin Plus	1+4	3200	11			20°C
Xtol		400	5	5		20°C
Xtol		800	6	6		20°C
Xtol	1+2	1600	15			27°C
Xtol		1600	6.5	6.5		20°C

Xtol	1+1	1600	15	15		24°C
Xtol	1+2	1600	17	17		24°C
Xtol		3200	7.5	7.5		20°C
Xtol	1+2	3200	20	20		24°C
Xtol		6400	10	10		20°C
Xtol		12500	12.5	12.5		20°C

### ILFORD SFX 200

Wywoływacz	Rozcieńczenie	Naświetlanie	35mm	120	Błony	Temp.
Aculux 2	1+9	200	11	15		20°C
Acutol	1+9	200	9	12		20°C
Amaloco AM74		200	8	8		20°C
D-19	1+1	200	9	9		20°C
D-76	1+1	200-400	17	17		20°C
D-76		200	10	10		20°C
D-76		400	14	14		20°C
D-76		800	18	18		20°C
Econodev 2	1+24	200	3.5			20°C
Econodev 2	1+49	200	6			20°C
Econotol 2	1+9	200	6.5			20°C
Emofin		200	3	3		20°C
F60	1+9	200	8.5	8.5		20°C
F60	1+9	400	10.5	10.5		20°C
F60	1+9	800	12.5	12.5		20°C
F76+	1+9	200	8.5	8.5		20°C
F76+	1+9	200	8	8		20°C
F76+	1+14	200	12.5	12.5		20°C
F76+	1+14	400	18.5	18.5		20°C
F76+	1+9	400	10.5	10.5		20°C
F76+	1+9	400	10	10		20°C
F76+	1+9	800	12.5	12.5		20°C

F76+	1+9	800	11.5	11.5		20°C
FA-1027	1+9	200		11		20°C
FD10	1+9	200	10	10		20°C
FD10	1+14	200	14	14		20°C
FX-19		100	12	12		20°C
FX-39	1+9	200	5.5	7.5		20°C
FX-50		200	13	13		20°C
HC-110	B	200	9	9		20°C
HC-110	B	400	13	13		20°C
HC-110	B	800	19	19		20°C
ID-11		200	10	10		20°C
ID-11	1+1	200-400	17	17		20°C
ID-11		400	14	14		20°C
ID-11		800	18	18		20°C
Ilfosol S	1+14	200	13	13		20°C
Ilfosol S	1+9	200	9.5	9.5		20°C
Ilfosol S	1+14	400	19	19		20°C
Ilfosol S	1+9	400	11.5	11.5		20°C
Ilfosol S	1+9	800	19	19		20°C
Ilfotec DD		200	8.5	8.5		24°C
Ilfotec DD		400	11.5	11.5		24°C
Ilfotec DD		800	14	14		24°C
Ilfotec DD-X	1+4	200	10	10		20°C
Ilfotec DD-X	1+4	400	14	14		20°C
Ilfotec HC	1+15	200	5	5		20°C
Ilfotec HC	1+31	200	9	9		20°C
Ilfotec HC	1+31	400	13	13		20°C
Ilfotec HC	1+15	400	7	7		20°C
Ilfotec HC	1+15	800	10.5	10.5		20°C
Ilfotec HC	1+31	800	19	19		20°C
Ilfotec LC29	1+19	200	9	9		20°C
Ilfotec LC29	1+29	200	11	11		20°C
Ilfotec LC29	1+9	200	5	5		20°C

Ilfotec LC29	1+19	400	13	13		20°C
Ilfotec LC29	1+9	400	7	7		20°C
Microphen		200	8.5	8.5		20°C
Microphen	1+1	200	15.5	15.5		20°C
Microphen		400	10.5	10.5		20°C
Microphen	1+1	400	19	19		20°C
Microphen		800	14.5	14.5		20°C
Negafin		200	5	5		20°C
Neotenal Liquid	1+5	200	10	10		20°C
Neotenal Powder		200	8.5	8.5		20°C
Perceptol		200	14.5	14.5		20°C
Perceptol	1+1	200	20	20		20°C
PMK	1+2+100	125	11			24°C
Refinal		200	8	8		20°C
Refinal		400	11.5	11.5		20°C
Rodinal	1+50	200	10	10		20°C
Rodinal	1+25	200	6	6		20°C
Studional	1+15	125	4	4		20°C
Suprol	1+19	200	2.75			20°C
TMax Dev	1+4	200	8.5	8.5		20°C
TMax Dev	1+4	400	10.5	10.5		20°C
TMax Dev	1+4	800	12.5	12.5		20°C
TMax RS		200	6	6		24°C
TMax RS		400	7	7		24°C
TMax RS		800	9	9		24°C
Ultrafin	1+20	200	15	15		20°C
Ultrafin Plus	1+4	200	9	9		20°C
Ultrafin SF		200	8	8		20°C
Unitol	1+14	200	10	10		20°C
Universal	1+29	200	8	8		20°C
Universal	1+19	200	4.5	4.5		20°C



Varispeed	1+9	200	6	6		20°C
Xtol	1+1	200		9		20°C

### ILFORD PAN 100

Wywoływacz	Rozcieńczenie	Naświetlanie	35mm	120	Błony	Temp.
Acufine		100	4			20°C
Acufine		200	6			20°C
Acutol	1+10	50	7			20°C
Acutol	1+10	100	9			20°C
Acutol	1+10	200	12			20°C
D-76	1+3	50	14			20°C
D-76	1+1	50	7			20°C
D-76		50	6			20°C
D-76	1+3	100	16			20°C
D-76	1+1	100	10			20°C
D-76		100	7			20°C
D-76	1+1	200	15			20°C
D-76		200	9			20°C
Fomadon P		100	13			20°C
HC-110	B	50	6			20°C
HC-110	A	100	4			20°C
HC-110	B	100	8			20°C
HC-110	B	200	9			20°C
HC-110	A	200	5			20°C
ID-11		50	6			20°C
ID-11	1+3	50	14			20°C
ID-11	1+1	50	7			20°C
ID-11		100	7			20°C
ID-11	1+3	100	16			20°C
ID-11	1+1	100	10			20°C
ID-11	1+1	200	15			20°C
ID-11		200	9			20°C

Ifosol S	1+14	50	7			20°C
Ifosol S	1+9	50	4			20°C
Ifosol S	1+14	100	9			20°C
Ifosol S	1+9	100	6			20°C
Ifosol S	1+9	200	7			20°C
Ifostec LC29	1+29	50	8			20°C
Ifostec LC29	1+19	50	6			20°C
Ifostec LC29	1+9	100	4			20°C
Ifostec LC29	1+19	100	8			20°C
Ifostec LC29	1+29	100	12			20°C
Ifostec LC29	1+19	200	9			20°C
Ifostec LC29	1+9	200	5			20°C
Ifotec DD	1+4	50	6			24°C
Ifotec DD	1+4	100	7			24°C
Ifotec DD	1+4	200	10			24°C
Ifotec DD-X	1+4	50	7			20°C
Ifotec DD-X	1+4	100	9			20°C
Ifotec DD-X	1+4	200	11			20°C
Ifotec HC	1+31	50	6			20°C
Ifotec HC	1+31	100	8			20°C
Ifotec HC	1+15	100	4			20°C
Ifotec HC	1+15	200	5			20°C
Ifotec HC	1+31	200	9			20°C
Microdol-X		50	8			20°C
Microdol-X	1+3	50	16			20°C
Microphen	1+3	100	12			20°C
Microphen	1+1	100	9			20°C
Microphen		100	7			20°C
Microphen		200	8			20°C

Microphen	1+1	200	12			20°C
Microphen	1+3	200	16			20°C
Perceptol	1+3	50	16			20°C
Perceptol	1+1	50	12			20°C
Perceptol		50	8			20°C
R09	1+40	100	12-14			20°C
Refinal		100	6			20°C
Refinal		200	9			20°C
Rodinal	1+25	100	9			20°C
Rodinal	1+50	100	15			20°C
Rodinal	1+50	200	20			20°C
Rodinal	1+25	200	13			20°C
Rodinal S	1+50	100	25			18°C
Rodinal S <sup>1</sup>	1+400	100	360			18°C
Rodinal S	1+25	400	19			18°C
Rodinal S	1+50	800	41			18°C
TMax Dev	1+4	100	8			20°C
TMax Dev	1+4	200	9			20°C
TMax RS		100	7			24°C
Ultrafin	1+10	100	7			20°C
Ultrafin	1+20	100	11			20°C
Ultrafin	1+20	200	14			20°C
Ultrafin	1+10	200	9			20°C
Ultrafin Plus	1+4	100	6			20°C
Ultrafin Plus	1+4	200	9			20°C

#### ILFORD PAN 400

Wywoływacz	Rozcieńczenie	Naświetlanie	35mm	120	Błony	Temp.
Acufine		200	4			20°C
Acufine		400	5			20°C

<sup>1</sup> Ładny miękki obraz. Wymiana wywoływacza po 195 min.

Acufine		800	7			20°C
Acufine		1600	9			20°C
Acutol	1+10	200	6			20°C
Acutol	1+10	400	7			20°C
D-76		200	6			20°C
D-76	1+3	200	18			20°C
D-76	1+1	200	12			20°C
D-76		400	7			20°C
D-76	1+1	400	13			20°C
D-76	1+3	400	20			20°C
D-76	1+1	800	16			20°C
D-76		800	10			20°C
D-76		1600	14			20°C
HC-110	A	400	3			20°C
HC-110	B	400	6			20°C
HC-110	B	800	9			20°C
HC-110	A	800	5			20°C
HC-110	A	1600	7			20°C
HC-110	B	1600	14			20°C
ID-11		200	6			20°C
ID-11	1+1	200	12			20°C
ID-11	1+3	200	18			20°C
ID-11	1+3	400	20			20°C
ID-11	1+1	400	13			20°C
ID-11		400	7			20°C
ID-11		800	10			20°C
ID-11	1+1	800	16			20°C
ID-11		1600	14			20°C
Ilfosol S	1+9	200	6			20°C
Ilfosol S	1+14	200	8			20°C
Ilfosol S	1+9	400	7			20°C
Ilfosol S	1+14	400	9			20°C
Ilfosol S	1+14	800	14			20°C

Ilfosol S	1+9	800	8			20°C
Ilfosol S	1+9	1600	14			20°C
Ilfotec DD	1+4	200	5			24°C
Ilfotec DD	1+4	400	6			24°C
Ilfotec DD	1+4	800	8			24°C
Ilfotec DD	1+4	1600	11			24°C
Ilfotec DD-X	1+4	200	7			20°C
Ilfotec DD-X	1+4	400	8			20°C
Ilfotec DD-X	1+4	800	9			20°C
Ilfotec DD-X	1+4	1600	12			20°C
Ilfotec DD-X	1+4	3200	18			20°C
Ilfotec HC	1+31	200	5			20°C
Ilfotec HC	1+31	400	6			20°C
Ilfotec HC	1+15	400	3			20°C
Ilfotec HC	1+15	800	5			20°C
Ilfotec HC	1+31	800	9			20°C
Ilfotec HC	1+31	1600	14			20°C
Ilfotec HC	1+15	1600	7			20°C
Ilfotec HC	1+15	3200	11			20°C
Ilfotec LC29	1+14	200	5			20°C
Ilfotec LC29	1+29	200	7			20°C
Ilfotec LC29	1+29	400	9			20°C
Ilfotec LC29	1+14	400	6			20°C
Ilfotec LC29	1+9	400	3			20°C
Ilfotec LC29	1+9	800	5			20°C
Ilfotec LC29	1+14	800	9			20°C
Ilfotec LC29	1+9	1600	7			20°C
Ilfotec LC29	1+14	1600	14			20°C
Ilfotec LC29	1+9	3200	11			20°C
Microphen		400	6			20°C
Microphen	1+1	400	12			20°C
Microphen	1+3	400	23			20°C
Microphen	1+1	800	13			20°C

Microphen	1+3	800	24			20°C
Microphen		800	7			20°C
Microphen		1600	12			20°C
Microphen		3200	16			20°C
Perceptol	1+3	200	22			20°C
Perceptol	1+1	200	14			20°C
Perceptol		200	10			20°C
Perceptol		400	11			20°C
Perceptol	1+1	400	16			20°C
R09	1+40	400	21			20°C
Refinal		200	5			20°C
Refinal		400	6			20°C
Refinal		800	9			20°C
Rodinal	1+50	200	9			20°C
Rodinal	1+25	200	5			20°C
Rodinal	1+50	400	11			20°C
Rodinal	1+25	400	6			20°C
Rodinal	1+100	400		35		20°C
Rodinal	1+100	400	120			20°C
Rodinal	1+25	800	8			20°C
Rodinal S	1+200	400	55			20°C
TMax Dev	1+4	200	5			20°C
TMax Dev	1+4	400	6			20°C
TMax Dev	1+4	800	8			20°C
TMax Dev	1+4	1600	9			20°C
TMax RS		400	4			24°C
TMax RS		800	5			24°C
TMax RS		1600	7			24°C
Ultrafin	1+10	200	6			20°C
Ultrafin	1+20	200	13			20°C
Ultrafin	1+20	400	16			20°C
Ultrafin	1+10	400	7			20°C
Ultrafin	1+10	800	10			20°C

Xtol	1+1	400	9			20°C
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### ILFORD UNIVERSAL 100

Wywoływacz	Rozcieńczenie	Naświetlanie	35mm	120	Błony	Temp.
D-76		100	5.5			20°C
D-76		200	7.5			20°C
ID-11		100	5.5			20°C
ID-11		200	7.5			20°C
Ifosol S	1+9	100	4			20°C
Ifotec HC	1+15	100	3			20°C
Ifotec HC	1+31	100	5.5			20°C
Ifotec HC	1+15	200	4			20°C
Ifotec HC	1+31	200	8			20°C
Microphen		100	5			20°C
Microphen		200	6			20°C
Perceptol		100	8			20°C
Rodinal	1+25	100	5.5			20°C
Rodinal	1+25	200	8.5			20°C
TMax Dev	1+4	100	4.5			20°C
TMax Dev	1+4	200	5.5			20°C

### ILFORD UNIVERSAL 400

Wywoływacz	Rozcieńczenie	Naświetlanie	35mm	120	Błony	Temp.
Arista Liquid		400	8			20°C
D-76	1+1	400	15.5			20°C
D-76		400	9			20°C
D-76	1+1	1000	26			20°C
D-76		1000	15			20°C
HC-110	B	400	9			20°C
HC-110	B	1000	14			20°C

ID-11	1+1	400	15.5			20°C
ID-11		400	9			20°C
ID-11	1+1	1000	26			20°C
ID-11		1000	15			20°C
Ifosol S	1+9	400	10			20°C
Ifotec HC	1+31	400	9			20°C
Ifotec HC	1+15	400	5			20°C
Ifotec HC	1+31	1000	14			20°C
Ifotec HC	1+15	1000	8			20°C
Microphen		640	10			20°C
Microphen		1000	14			20°C
Perceptol		400	13			20°C
Pressmax	1+19	400	9			20°C
TMax Dev	1+4	400	8			20°C
TMax Dev	1+4	640	10			20°C
TMax Dev	1+4	1000	14			20°C
TMax RS		640	7			20°C
TMax RS		1000	10			20°C

#### ILFORD ORTHO +

Wywoływacz	Rozcieńczenie	Naświetlanie	35mm	120	Błony	Temp.
D-76		?			8	20°C
D-76	1+1	?			10.5	20°C
D-76	1+3	?			16	20°C
ID-11		?			8	20°C
ID-11	1+1	?			10.5	20°C
ID-11	1+3	?			16	20°C
Ifosol S	1+9	40			6	20°C
Ifosol S	1+9	40			4.5	20°C
Ifosol S	1+9	80			4.5	20°C
Ifosol S	1+9	80			6	20°C
Ifotec DD		40			5.5	24°C



Ilfotec DD		80			5.5	24°C
Ilfotec DD-X	1+4	40			6.5	20°C
Ilfotec DD-X	1+4	40			9	20°C
Ilfotec DD-X	1+4	80			9	20°C
Ilfotec DD-X	1+4	80			6.5	20°C
Ilfotec HC	1+31	?			6	20°C
Ilfotec LC29	1+19	?			6	20°C
Ilfotec LC29	1+9	40			4	20°C
Ilfotec LC29	1+9	40			5	20°C
Ilfotec LC29	1+19	40			6	20°C
Ilfotec LC29	1+19	40			8	20°C
Ilfotec LC29	1+19	80			8	20°C
Ilfotec LC29	1+19	80			6	20°C
Ilfotec LC29	1+9	80			5	20°C
Ilfotec LC29	1+9	80			4	20°C
Microphen		?			9	20°C
Microphen	1+1	?			11.5	20°C
Microphen	1+3	?			13.5	20°C
Perceptol		?			13	20°C
Rodinal	1+100	40			10	20°C