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'TABLOID' BRAND  
FINE-GRAIN  
DEVELOPER

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*Made in Britain*

'Tabloid' brand Fine-Grain Developer is designed to yield soft, well-graded negatives suitable for enlargement up to about ten diameters. The exact degree of enlargement possible before grain becomes obtrusive is, however, governed by the type of film used, the exposure given and the time and temperature of development.

Generally speaking the "faster" the film the larger the grain. If it is intended to develop one of the ultra-speed films it is recommended that a 20% solution of sodium sulphite be substituted for part of the water in which the 'Tabloid' products are to be dissolved. The resultant developer will yield finer grain.

'Tabloid' Fine-Grain Developer necessitates no increase of exposure; but this does not imply that the developer will compensate for under-exposure. With all fine-grain developers good results are dependent upon two main factors:—

- (a) accurate exposure (err, if at all, on the generous side);
- (b) correct development, complying with the recommended time and temperature (the majority of photographers over-develop).

Further, whilst it is true that 'Tabloid' Fine-Grain Developer, like other developers of this type, does not in theory reduce the effective sensitiveness or "speed" of the emulsion, it should be remembered that in practice it will be found that the faster the film the more careful must the photographer be to see that it receives adequate exposure.

#### Directions for Use

(a) Dissolve in warm water at the rate of one A product and one B product per two ounces and allow the solution to cool to about 65° F before use. The developer should preferably not be used at temperatures lower than this—certainly never below 60° F.

To ensure the finest possible grain, add to this solution an equal volume of 20% solution of sodium sulphite. Prepare this solution by dissolving two ounces of dried sodium sulphite (or four ounces of the crystalline salt) in six to seven ounces of hot water, afterwards adding enough cold water to make up to ten ounces.

(b) Immerse the film direct without preliminary washing. Agitate the tank by giving it two or three sharp knocks to release any air-bubbles. Keep the solution moving in the tank throughout development. The addition of 'Tabloid' brand Wetting Agent or 'Wellcome' brand Wetting Solution will ensure uniform development and absence of air-bubbles.

The times in the table are for freshly-made solutions with intermittent agitation. Reduce times by 10 to 20 per cent when using tanks in which agitation is continuous.

The Developer may be used repeatedly if stored in a well-corked, completely filled, bottle.

For the finest possible work no negative developer should be used more than once, but as 'Tabloid' Fine-Grain Developer retains its activity to an exceptional degree it may, for economy's sake, be used several times in succession, an increase in development time of about 10 per cent being allowed for each successive film. The developer should not be used beyond the point when the restraining action begins to affect the quality of the negative adversely. One pair of products should be allowed for each 8 exposure 3½ x 2½ roll film, each 36 exposure 35 mm. film or an equivalent area of emulsion.

**Time and Temperature Table**

Film Group	1 pair products per 2 oz. (60 c.c.) water			1 pair products per 4 oz. (120 c.c.) water			1 pair products per 2 oz. (60 c.c.) water + 2 oz. (60 c.c.) sodium sulphite solution (20%)		
	60° F 15° C	65° F 18° C	70° F 21° C	60° F 15° C	65° F 18° C	70° F 21° C	60° F 15° C	65° F 18° C	70° F 21° C
	min.	min.	min.	min.	min.	min.	min.	min.	min.
N	5	4	3	10	8	6	12	10	8
A	7½	6	4½	15	12	9	18	15	12
B	10	8	6	20	16	12	24	20	16

Film Group N :—Gevaert—Panchromosa.

A :—Ensign—Ultrachrome, Fine-Grain Pan.; Gevaert—Panchromosa Special, Panchromosa Micro, Express (Superchrom); Ilford Selo—Fine-Grain Pan. (F.P.3), Selochrome; Kodak—Super XX (roll film), Plus X, Panatomic X, Verichrome.

B :—Ilford Selo—Hypersensitive Pan. (H.P.3); Kodak—Super XX (35 mm.).

For complete list of films and plates see 'Wellcome' Photographic Year Book

'Tabloid' brand photographic preparations are obtainable from all photographic chemists and stores and are made by

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