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Standard Specification for Color Coding of Laboratory Pipets with Multiple Graduations, 0.1 mL and Larger, But Excluding Disposable Prothrombin and Disposable Micropipets¹

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1. Scope

- 1.1 This specification provides a system for color coding disposable pipets (glass and plastic) with multiple graduations. The color will indicate capacity and subdivisions for identification purposes.
- 1.2 The intent of this specification is to ensure that when color coding is utilized, all manufacturers will be encouraged to use the same color for nominal value identification.
- 1.3 The values stated in SI units are to be regarded as standard. No other units of measurement are included in this standard.

2. Referenced Documents

2.1 ASTM Standards:²

E1273 Specification for Color Coding of Reusable Laboratory Pipets

3. General Requirements

- 3.1 Colors shall be as specified in Table 1.
- 3.2 *Durability*—Disposable pipet coding shall be as durable as the graduations of the pipet. (Any institution or individual

who reuses a disposable product must bear full responsibility for its safety and effectiveness).

4. Style

- 4.1 Each pipet may be color coded by one or more of the following methods:
- 4.1.1 A single or double color band. The single color band shall be 6 to 10 mm wide and the double color bands shall be 3 to 5 mm wide and separated by a clear space of 2 to 3 mm. Color bands need not be continuous, but may be broken as long as 40 % of the circumference of the pipet is covered.
 - 4.1.2 Colored plugging material.
- 4.1.3 Permanent color constituent (ingredient) of the pipet material(s).
- 4.1.4 Coloring of the standard identification marking(s) of the pipet.
- 4.2 A color blow out band or bands shall not be the only method used to signify size.
- 4.3 Location—Color coding shall be near the top end of the pipet. In the instances where a separate band or bands are utilized to indicate "blow-out" or "blow-out" style pipets, there shall be a distinct separation with the blow out band or bands in the upper most position.
- 4.4 *Color Code Packaging*—If color coding is used in packaging graphics, then the color will be the same as in Table 1.

5. Keywords

5.1 colorcoding; disposable; graduated; pipets

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.

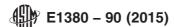


TABLE 1 Color Coding

Note 1—The above mentioned color codes are consistent with Specification E1273.

Nominal Vol- ume mL Sub-division mL		Color Code
0.1	0.001	2 green
	0.005	1 red
	0.01	1 white
	0.05	2 orange
0.125	0.0125	2 yellow
0.2	0.001	2 blue
	0.002	2 white
	0.01	1 black
	0.1	1 orange
0.5	0.005	1 green
	0.01	2 yellow
	0.02	2 red
	0.05	2 black
	0.25	2 green
1	0.01	1 yellow
	0.05	2 green
	0.1	1 red
1.1	0.5, 1.0, 1.1	1 purple
1.5	0.01	2 red
2	0.01	2 white
	0.02	1 black
	0.05	2 orange
	0.1	1 green
2.2	1.0, 2.0, 2.1, 2.2	1 black
3	0.01	2 blue
5	0.05	1 red
	0.1	1 blue
10	0.1	1 orange
	0.2	2 orange
15	0.1	2 green
20	0.1	2 yellow
25	0.1	1 white
	0.2	1 green
50	0.1	2 orange
	0.2	1 black
	0.5	1 purple
100	0.2	1 red

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