



Designation: F934 – 96 (Reapproved 2013)

Standard Specification for Standard Colors for Polymer-Coated Chain Link Fence Materials¹

This standard is issued under the fixed designation F934; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ϵ) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers standard colors for coated chain link fence materials such as chain link fence fabric, tension wire, posts, rails, gate frames, and fittings.

2. Referenced Documents

2.1 *ASTM Standards*:²

D1729 Practice for Visual Appraisal of Colors and Color Differences of Diffusely-Illuminated Opaque Materials

D2244 Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates

G90 Practice for Performing Accelerated Outdoor Weathering of Nonmetallic Materials Using Concentrated Natural Sunlight

¹ This specification is under the jurisdiction of ASTM Committee F14 on Fences and is the direct responsibility of Subcommittee F14.40 on Chain Link Fence and Wire Accessories.

Current edition approved March 1, 2013. Published March 2013. Originally approved in 1985. Last previous edition approved in 2008 as F934 - 96(2008). DOI: 10.1520/F0934-96R13.

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.

3. Color

3.1 Unless otherwise stipulated by the purchaser, determine the color in accordance with the standard contained in **Table 1**.

3.2 Determine compliance with this requirement by comparison of specimens of the coated materials to standard flat specimens of fused film of approximately the thickness specified for the coating to be applied to the materials, and measuring at least 1½ by 1½ in. (38 by 38 mm).

3.3 Prepare standard flat specimens for the evaluation of color coating by duplicating the production process as nearly as possible including temperature, particle size, etc.

3.4 Determine the color of the standard flat specimens in accordance with Test Method **D2244** and Practice **D1729**.

3.5 Do not allow the color of the specimens to vary more than 6 Delta E when exposed to 500 000 Langley's accelerated weathering operated in accordance with Practice **G90** with both day and night spray cycles.

TABLE 1 Standard Polymer Colors

	Dark Green	Olive Green	Brown	Black
L	28.61	32.10	27.76	22.30
A	-12.59	-6.14	3.37	-0.09
B	1.95	3.00	4.28	-0.85
Delta/E	3.0	3.0	3.0	6.0

ASTM International takes no position respecting the validity of any patent rights asserted in connection with any item mentioned in this standard. Users of this standard are expressly advised that determination of the validity of any such patent rights, and the risk of infringement of such rights, are entirely their own responsibility.

This standard is subject to revision at any time by the responsible technical committee and must be reviewed every five years and if not revised, either reapproved or withdrawn. Your comments are invited either for revision of this standard or for additional standards and should be addressed to ASTM International Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee, which you may attend. If you feel that your comments have not received a fair hearing you should make your views known to the ASTM Committee on Standards, at the address shown below.

This standard is copyrighted by ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959, United States. Individual reprints (single or multiple copies) of this standard may be obtained by contacting ASTM at the above address or at 610-832-9585 (phone), 610-832-9555 (fax), or service@astm.org (e-mail); or through the ASTM website (www.astm.org). Permission rights to photocopy the standard may also be secured from the ASTM website (www.astm.org/COPYRIGHT/).