

RAIL FENCE

Material Specifications

Rigid PVC Homopolymer compound. Modified for cold weather impact retention. High level of Titanium Dioxide pigment throughout the entire extrusion for long term ultraviolet light resistance.

Cell Classification - ASTM D-4216 1-43332-32-0000

Cell Classification - ASTM D-1784 14344B

Typical values:

ASTM D256 Izod Impact (Ft. lbs./inch notch)
23°C-5.0 0°C-2.0

ASTM D638 Tensile Strength 6,500 psi

ASTM D638 Tensile Modulus 545,000 psi*

ASTM D648 Deflection Temp. 71°C

ASTM D4226 Drop Dart Procedure A 2.51 (in.-lb/mil)

ASTM D4226 Drop Dart Procedure B 4.50 (in.-lb/mil)

ASTM D695 Compressive (Yield) Strength 8,780 psi

ASTM D696 Thermal Expansion 4.4 x 10⁻⁵ in./in./°F

ASTM D732 Shear Strength 6,780 psi

ASTM D790 Flexural Strength 11,400 psi

* Tensile Modulus should be used for design purposes with caution.

Values listed are representative for short term loading (such as livestock pushing on fence). The long term creep characteristics under continuous loading are unknown.

Standard Specifications

For Rail Fence (Conforms to ASTM F964)

Item	TxW	Length
Fence Rails	1 1/2" x 5 1/2" 2" x 6" 2 7/8" round	16'
Fence Posts	5" x 5" 5" O.D. round	6', 7', 8'
Fence Post Cap (Deep flange cap or internal flange cap.)	5" x 5" 5" O.D. round	
Fence Post Bracket	1 1/2" x 5 1/2" 2" x 6"	

These standard measurements apply to both 1-1/2" x 5-1/2" rails and 2" x 6" rails.

- On all Country Estate rail fencing, the top rail is mounted 2" from the top of the post.
- On two-rail and three-rail fencing, there is 11 inches between rails.
- On four-rail fencing, there is 9 inches between the rails.

Radius corner sections also available.



**COUNTRY ESTATE
THREE RAIL**

Country Estate 3-Rail Fence is the most popular.



**COUNTRY ESTATE
TWO RAIL**

Country Estate 2-Rail Fence compliments nearly any wide open expanse.



**COUNTRY ESTATE
FOUR RAIL**

Country Estate 4-Rail Fence is strong.



**COUNTRY ESTATE
ROUND RAIL**

Many customers prefer our round rail fence.