



DOMESTICALLY MANUFACTURED

SS 40[®] XS

High Strength Fence Framework
FOR SPECIAL STRENGTH APPLICATIONS

Want the muscle without the weight?

Rely on Allied SS 40[®] XS.

NEW SS 40[®] XS High Strength Fence Framework is the perfect choice for a wide variety of robust applications. SS 40 XS delivers maximum strength with reduced weight. It's the perfect choice for high wind load, added height, dense fabric, expanded metal and solids fence applications.

Choose from 4.5", 5" or 4.5"/5" sleeved combination to suit your specific requirement.

Allied SS 40[®] XS Benefits

- Additional strength without the excessive weight
- Ideal for applications requiring additional height
- Enables use of reduced mesh size fabrics
- Withstands high wind conditions
- Great for solid applications
- Perfect for gateposts

4.5" SS 40 XS fills the gap for gate posts when 4" is too small and 6-5/8" is too big.

4.5" SS 40 XS Gate Post Deflection Calculations

Based on:

The weight of the gate is based on an average of 2.53 lbs per sq ft

- 2" x 9ga chain link
- 1.900 SS 40 frame with 1.660 SS 40 braces
- The gate is to have barbed wire and the top hinge is located 12" down from the top of the gate frame

ASTM F900 Standard Specification for Industrial and Commercial Swing Gates States in part; the gate frame drop at the end of the gate leaf shall not exceed the lesser of 2% of the gate width or 4"

The gate width is calculated to maintain less than 1" drop at the end of the gate using 4.5" SS 40 XS Gate Posts

Height in Ft.	Width in Ft.	Post Deflection	Gate Drop at End
7	18	0.32"	0.96"
8	16.5	0.42"	0.98"
10	14	0.61"	0.95"
12	12.5	0.87"	0.99"

ASTM F900 is given only as a reference to show the SS 40 XS material is strong enough in the above situations not to fail the established criteria.

Other calculations are available upon request.

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Manufacturing Locations: Harvey, IL / Pine Bluff, AR / Philadelphia, PA / Phoenix, AZ

For information on Razor Ribbon[®] brand barbed tape products, please visit www.razorribbon.com

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