

stops, keepers, hinges, or rollers and roller tracks; when so specified, with locks and provisions for three strands of barbed wire above the fabric. Gates shall be covered with fabric matching the fence.

Gate Frames shall be constructed of tubular members and, for gate leaves more than 8 feet wide, shall have intermediate members and/or diagonal truss rods as necessary to provide rigid construction of ample strength and free from sag or twist.

The gate frames shall conform to the following dimensions and weights:

Section	Outside Diameter or Dimensions	Weight per foot minimum, pounds
Round	1.875	2.71
Square	2.00	2.60

Where a barbed wire top is specified, the end members of gate frames shall be extended approximately 1 foot above the top member and arranged for attaching three uniformly spaced strands of barbed wire and finished with clips or other suitable methods for securely attaching the wire.

All joints between tubular members shall be made by welding or by means of heavy fittings providing rigid and watertight connections. Truss rods shall be not less than 3/8 inch in nominal diameter.

Hinges shall be of heavy pattern, of adequate strength for the gate and with large bearing surfaces for clamping in position. The hinges shall not twist or turn under the action of the gate. The gates shall be capable of being opened and closed easily by one person.

Latches, Stops and Keepers shall be provided for all gates. Latches shall be of the plunger bar type and shall be of full gate height and arranged to engage the gate stop, except that for single gates for openings less than 10 feet wide a forked latch may be provided. Latches shall be arranged for locking. Stops shall consist of a flush plate with anchor arranged to be set in concrete and to engage the plunger of the bar-latch, except that for single gates for openings less than 10 feet wide other approved types of stops may be provided. Keepers shall consist of a substantial mechanical device for securing and supporting the free end of the gate when in full open position.

Top Rails shall be pipe or tubing 1-5/8 inches outside diameter, or "H" section, weight not less than 2.27 pounds per linear foot; provided with couplings approximately every 20 feet. The couplings to be outside sleeve type and at least 7 inches long; one coupling in every five to have a heavy spring to take up expansion and contraction of top rail.