



Goalposts shall meet all National High School Federation rules. Goalposts shall be of the single bent post design and provide a minimum of 60" of setback from the front of the post to the front of the horizontal crossbar. The bent post shall be a minimum of 4" schedule 40 (4 1/2" outside diameter) ASTM A500 grade C structural pipe and provide for no less than 48" bury into the ground. A band clamp shall be attached to each pole to eliminate rotation in the concrete footing. Horizontal crossbars shall be no less than 4 1/2" OD flow coated steel tubing with a 7 gauge wall thickness and be of a length to allow uprights to extend upward with official high school 23'4" between the upright members. Two vertical uprights shall rise a minimum of 20' above the top of the crossbar. Uprights shall be constructed of 2 3/8" diameter 6063-T6 aluminum with a minimum 0.154" wall thickness. Uprights shall be connected to each end of the crossbar by means of a machined aluminum insert that allows the angle of the uprights to be adjusted at the time of field installation. The insert design shall allow rain to escape through the insert from the top of the uprights. The crossbar shall be attached to the bent post by means of an adjustable "T" adapter that allows field adjustment of the horizontal crossbar for ease and accuracy of installation. Installation to be completed in accordance to manufacturer's instructions. Do not scale drawings. All steel and aluminum members shall have a polyester powder coated finish (white-WT or safety yellow-SY). All hardware shall be zinc plated grade 5 minimum. Optional features include ground sleeves, safety padding and wind direction flags. Shipping weight approximately 1050#/pair.



## PRODUCT SPECIFICATION

FB45HS GOOSENECK HIGH SCHOOL GOALPOST

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