



SportsPlay Equipment, Inc.
565642 Natural Bridge St. Louis, MO 63120

General Specification Basketball Backboards and Posts

Fan shape 35" x 54" aluminum backboards shall be permanent molded.

1. The material shall be a #319 aluminum alloy suitable for permanent molding and having physical properties to prevent cracking from impact forces.
2. Thickness of the playing surface shall be 3/16".
3. Reinforcing ribs and flange shall be 1 3/8" and 3/16" to 1/4" thick.
4. The area for attaching the goal and bolting to the post shall be 7/16" thick with four holes accommodating 5" x 5" and 4 7/32" x 5 1/8" goal hole patterns.
5. All burrs and sharp areas shall be ground and sanded smooth.
6. The complete board shall be powder coated white with a baked on polyester paint. Silk screened targets and/or borders are optional.
7. When required for special mounting and dual post, molded in bosses shall be drilled and tapped for 3/8" – 16 machine bolts.
8. Fan shaped aluminum backboards carry a lifetime warranty when mounted "goal to post".

Support posts are of varying diameters.

1. All 4 1/2" outside diameter posts shall have a wall thickness of 7 gage (.180) and be RS-40 zinc flow coated steel tubing. They allow for a 4' extension from the front of the pole to the face of the backboard and a 4' bury.
2. All 3 1/2" outside diameter posts shall have a wall thickness of 8 gage (.165) and be RS-40 zinc flow coated steel tubing. They allow for a 3' extension from the front of the pole to the face of the backboard and a 3' bury.
3. All other posts shall be fabricated with 2 7/8" outside diameter pipe upright and 2 3/8" diameter supports.
4. All welded joints shall be cleaned and coated with a zinc rich coating.

Optional Backboard Support Braces are available.

1. 3/4" OD zinc flow coated tubing braces with a clamping system to the post are optional for those who require additional bracing.
2. The cast-in supporting ribs on the backboard along with direct mounting of the rim through the board onto the steel plate welded to the bent post transfers stress to the bent post and eliminates the need for braces in most applications.