

The Arch[®]

BACKSTOP

Popular, cutting-edge design does what a backstop is supposed to do.



877-484-6953

www.archbackstop.com

The Arch[®]

BACKSTOP

Superior Beauty, Function, Safety and Economy.

Why install a boxy, old-style backstop when you can beautify your park, and add years of life to your field with **The Arch Backstop** by National Fence Systems.

Function

Ball Capture: The Arch comes in two styles, the Perpendicular (Vertical front) and the Layback (inclined front) style. Both styles provide superior ball-capture properties, saving lost time retrieving foul balls behind the plate.

Placement/Location: Better ball capture also means that diamonds can now be placed in closer proximity to parking lots, playgrounds and buildings — making better use of limited land resources.

Unobstructed View: Coaches, players and spectators all have a clearer view of the playing field from any angle.

Safety

Designed-in Strength The unique Arch design is engineered to withstand windloads of up to 100mph.

Fewer Climbing Accidents: The Arch is difficult to climb, discouraging kids (and adults) from trying.

Economy

Low Maintenance: The Arch is constructed of heavy gauge galvanized steel, making it virtually maintenance-free.

Simple Assembly and Installation: The Arch is so simple to erect, no field welding is needed. Manufacturing controls assure perfect symmetry.



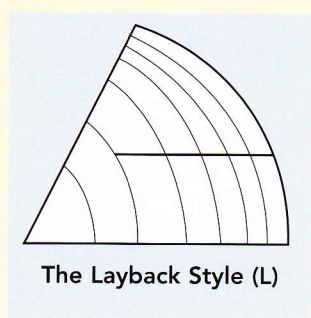
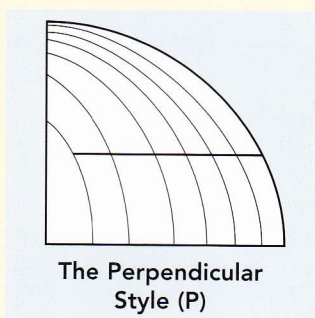
**EASY,
TROUBLE-FREE
INSTALLATION!**



NATIONWIDE SHIPPING:
 Ask about our
5-Day QuickShip Program!

Manufactured with a choice of two popular styles, six sizes, and a variety of colors to meet any need!

Easy, trouble-free installation: National Fence Systems completely assembles and disassembles every single backstop before shipping, in order to assure a precise fit of all parts.



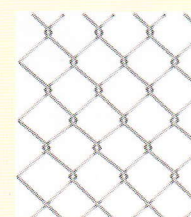
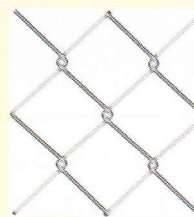
Style	Width	Height	Depth
Perpendicular (P)			
NFS 3014 P	30'	14'6"	14'6"
NFS 4015 P	40'	15'6"	15'6"
NFS 5014 P	50'	14'6"	14'6"
NFS 6220 P	62'	20'	20'
Layback (L)			
NFS 6220 L	62'	20'	20'
NFS 5014 L	50'	14'6"	14'6"

The Perpendicular style provides an optional 5' or 10' extension. See diagram (left).

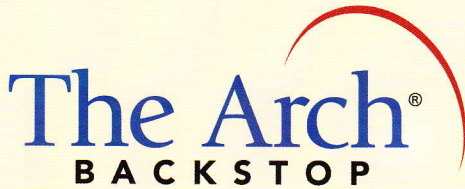
Kolor King® Super Durable Polyester Color Coatings are available for all models in a choice of Black, Brown, or Green. Galvanized finish is standard.

Optional overhead extension

The Perpendicular design backstops are offered with optional overhead extensions in two sizes (5' or 10') increasing the depth of the backstop to accommodate different league spacing requirements.



Chain-link fabric is available in 1-inch and 2-inch mesh, with the option of nine, six and five gauge fabric. **Standard Galvanized Arch Backstops** come with 2-inch x 9 gauge 1.2 oz. galvanized wire. **Powder Coated Arch Backstops** come with 2-inch x 6 gauge finish extruded CL 2A wire.



The Arch is completely fabricated in our state-of-the-art East Coast facility, and coated using our exclusive Kolor King® super durable polyester powder coating system.

Add beauty to your park or playground with a low cost custom-colored Arch Backstop.

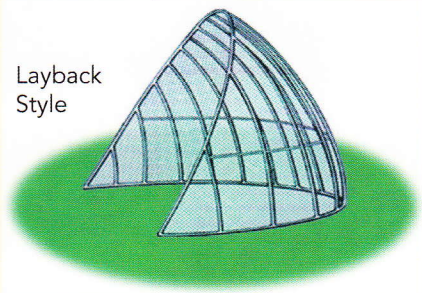
Because all Arch Backstops are completely fabricated and color coated in National Fence's state-of-the-art Central New Jersey fabrication facility, we are able to provide a variety of standard and custom colors quickly and economically. In fact, color backstops can be produced for prices almost as low as galvanized coating.

All Arch frames are coated with our exclusive Kolor King™ Super Durable coating system. This high performance coating has been formulated to meet AAMA 605 High Performance Specification and to meet or exceed AAMA 2604 and the European Qualicoat Standard.

The chain-link fabric is available in 3 popular vinyl coatings (black, brown, and green), in addition to standard galvanized steel.



Popular Standard Perpendicular Style



Layback Style

Product Specifications

GENERAL

Backstops are manufactured in two basic design types: Perpendicular and Layback; and are available in a variety of sizes in each design. The Perpendicular design backstops are offered with optional overhead 5' and 10' extensions, increasing the depth of the backstop to accommodate different spacing requirements.

Perpendicular design backstops, with or without optional overhead extension, are designed for 100% capture of foul balls behind home plate when home plate is located directly under the overhead arch or extension. The Layback design permits "live play" of foul balls hit directly above and a few degrees behind home plate. It is designed for 75% ball capture, when home plate is located at the very front of the backstop opening (a distance from the rear of the backstop equal to its depth).

WINDLOAD RESISTANCE

The backstop shall be manufactured and installed in strict accordance with these specifications in order to comply with standards prevailing at the time of field testing for a windload resistance of 100mph.

MATERIALS:

All materials are selected for strength, durability and the ability to withstand years of use and exposure. All pipe is Domestic made 40 weight galvanized steel pipe.

Overhead & base arches are made of: 2 7/8" O.D. Domestic made 40 weight pipe with high yield strength 50,000 PSI pipe conforming with ASTM Specification F1043-10 and Federal Specifications RR-F-191/3E. Bottom base arch comes with j-bolts to bolt down in place.

Center Rib Arches are made of: 2 3/8" O.D. Domestic made 40 weight pipe with high yield strength 50,000 PSI pipe conforming with ASTM Specification F1043-10 and Federal Specifications RR-F-191/3E. **NOTE: 62' Arch Backstops to have center 3 ribs made of 2 7/8" O.D. pipe for Heavy Duty support.

All pipe frame joints connecting individual sections of the arches, and joints where the overhead arch intersects with the base arch shall consist of an internal galvanized pipe sleeve factory-welded with a continuous filler weld to the ends of the arches. All field assembled joints shall be locked in place with socket head set screws.

Call today for a complete list of our manufacturing specifications.

877-484-6953



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