NETTING CONSTRUCTION GUIDE

Understanding Knotted vs. Knotless Netting for Sports Facilities

WHY NETTING CONSTRUCTION MATTERS

Choosing the right netting construction is one of the most important decisions you can make for the safety, performance, and longevity of your sports facility. This guide breaks down the two primary netting types—Knotted and Knotless—so you can make an informed decision.

WHAT IS KNOTTED NETTING?

Knotted netting is produced by twisting or braiding twine, then feeding that twine through a loom that physically ties each intersection into a knot. This traditional construction method creates an exceptionally strong, impact-resistant net ideal for demanding athletic environments.

HOW KNOTTED NETTING IS MADE

- Preparation: Twine is twisted or braided depending on the desired strength, flexibility, and abrasion resistance.
- Loom Construction: The twine is woven on a loom that ties a physical knot at every intersection.
- Heat Setting: Materials such as Nylon and Polyethylene are heat-set to lock knots firmly in place for long-term durability.

KEY ADVANTAGES OF KNOTTED NETTING

- Exceptional strength and structural stability.
- Braided twine offers superior abrasion resistance.
- Reinforced intersections create stronger stress points where nets typically fail.
- Best choice for high-impact sports such as baseball and softball.

WHAT IS KNOTLESS NETTING?

Knotless netting is manufactured by feeding raw fiber strands into a loom, where the fibers are precision-stitched into a smooth, uniform mesh. The result is a sleek, consistent net with excellent visibility and reduced drag.

KEY ADVANTAGES OF KNOTLESS NETTING

- Uniform mesh sizing through precision stitching.
- Cleaner appearance with improved line of sight for spectators.
- Reduced friction, making it popular in golf and specialty applications.

MAGNOLIA'S RECOMMENDATION: DIRECT IMPACT APPLICATIONS

For baseball, softball, and other direct-impact sports, knotted netting is the superior solution. The reinforced intersections provide significantly greater durability at the exact points where the highest stress occurs. While knotless netting can offer a cleaner aesthetic and lower upfront cost, it does not deliver the same long-term impact resistance. Magnolia Fence & Patio recommends premium knotted netting with bonded knot construction for maximum safety, reliability, and performance.