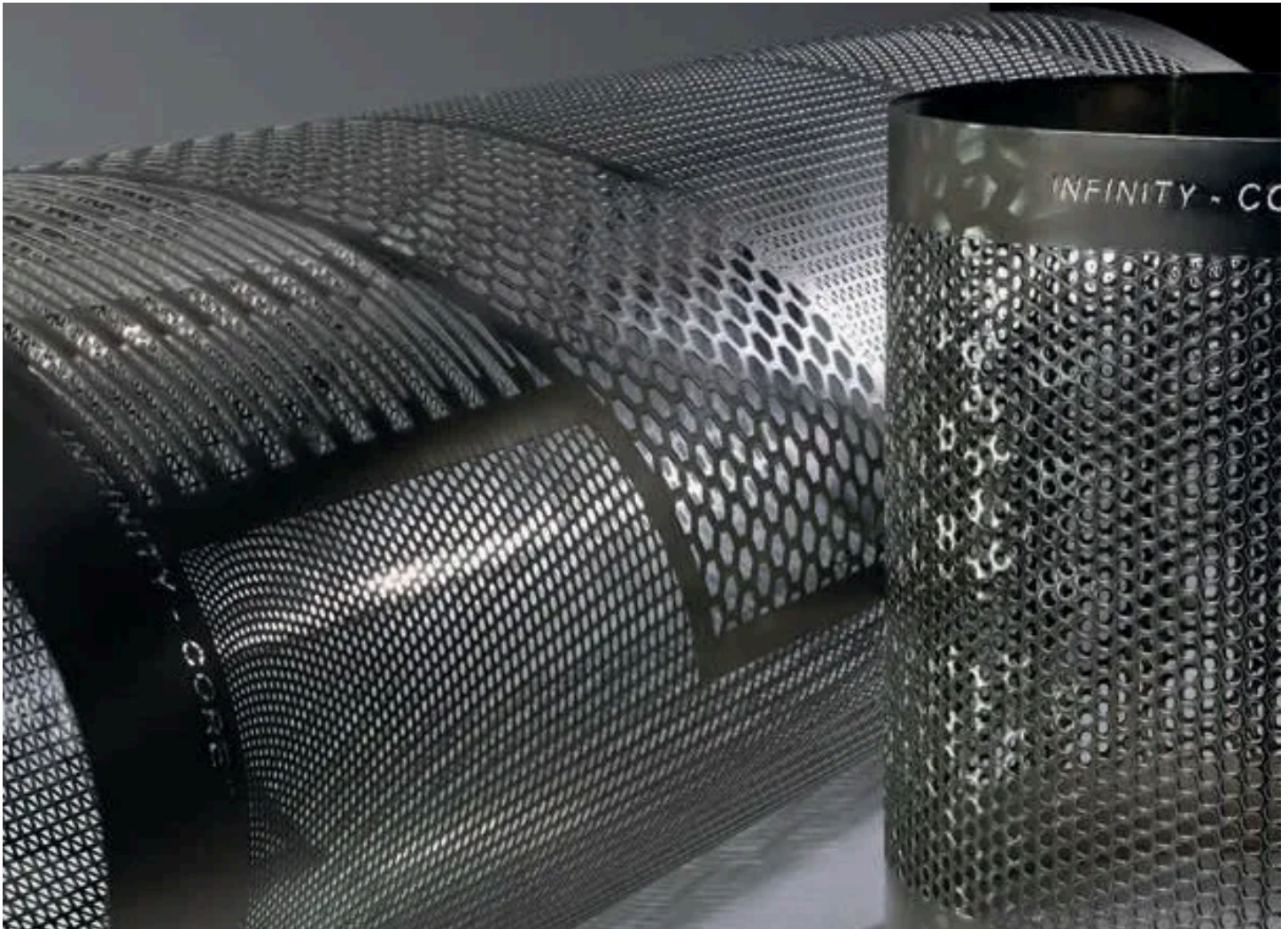


Features

The power of infinity

FILTER CORES



Beverlin Specialty Tube's Infinity Core »

Beverlin Specialty Tube's patented Infinity Core technology allows for endless design capabilities

Since its founding in 1976, Beverlin Specialty Tube has been known as a leader in the perforated tube and filtration industries. One of the world's premier manufacturers of perforated cores and tubes, Beverlin's vertically integrated manufacturing, finishing, and assembly operations – combined with in-house tooling capabilities – have long made it a one-stop solution for filtration customers around the world.

After more than four decades of innovation, 2024 is poised to be Beverlin's biggest year yet.

With the launch of a new online resource center geared specifically towards the filtration professional and an arsenal of new products, Beverlin is taking its tagline "We're at the CORE of innovation" to a whole new level.

PATENTED PRODUCT

One of Beverlin's new offerings for 2024 is its patented Infinity Core technology. Infinity Core is a seamless 99.9% nickel construction tube that allows for endless design capabilities. It far surpasses the strength and corrosion resistance of stainless steel, reducing downtime for part replacement, and making it ideal for harsh environments where hygiene is a top priority, such as in the food and beverage industry.

The CAD-designed manufacturing process by which Infinity Core products are produced allows for an unprecedented

versatility in design. If it can be drawn in CAD, Beverlin can create it. With hole sizes as small as 80 microns and typical material thicknesses ranging from .008" to .035", Infinity Core far outpaces the design possibilities of traditional stainless steel.

Infinity Core can also be chromed for added hardness, remains magnetic up to 354°C, and is inherently burr-free, further extending the boundaries of what is possible in filtration.

MATERIAL VERSATILITY

Beverlin's product portfolio remains as versatile as it is innovative. Aligning with everchanging market demand, the company continues to expand the variety and scope of its material solutions. Specializing in custom perforation patterns, Beverlin offers a range of high-end materials like super duplex, duplex, specialized alloys, carbon steel, aluminum, and stainless steel.

ONLINE RESOURCE CENTER

The new online resource center features an open area percentage calculator to help customers find the solution that best fits their application. This is a natural extension of Beverlin's quest to help its customers streamline their projects and processes. Other value-added services include custom design, rapid turnaround times, and complete assemblies.

In the end, it all comes back to Beverlin's commitment to being "Customer Fanatics." By listening to its customers and staying active in the market, Beverlin continues to be a thought leader in the filtration industry. Infinity Core is just one example of Beverlin innovation.

INFINITY CORE FEATURES

- Seamless 99.9% nickel core
- Corrosion resistant
- Stronger than stainless steel
- Patented manufacturing process allows for multiple designs on the same core
- CAD design allows for multiple pattern(s) all in one part
- Hole size down to 80 micron (.003") based on material thickness
- Material thickness from .008" to .035"
- Diameter tolerance is +/- .001" (air gauge measurement)
- Remains magnetic up to 354°C
- Can be chromed for added hardness

INFINITY CORE BENEFITS

- Low-cost engineering changes
- Low-cost tooling charges
- Reduced set-up charge

ABOUT THE AUTHOR

This article was provided by Beverlin Specialty Tube.

www.beverlin.com