

DYNAMESH

IMAGED
SCREENS



FOCUS

It's what you want from a screen manufacturer.
It's what NBC Meshtec Americas delivers. See how.

A Focus on Quality Materials

The quality of your product is only as good as the quality of the components that go into it. Since a precision screen is crucial for a precision print, you need a screen manufacturer with a focus on only the highest quality materials.

A Focus on Technology and Expertise

Technology provides the means, but it's nothing without the expertise to exploit it. You need a screen manufacturer with the know-how to get the most out of the latest advances in screen making and quality control technology.

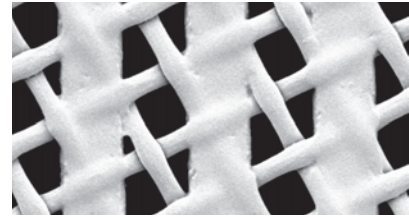
A Focus on You and Your Industry

Your industry is competitive and fast moving. You need a screen manufacturer who knows your industry and is focused on your business and its unique needs.

We're focused on quality materials

V-Screen Next

V-Screen Next is a high performance mesh woven with next generation thermotropic liquid crystal polymer monofilament thread. Its unique properties gives it several advantages over standard stainless steel mesh.



Squeegee side

Superior Tensile Strength

V-Screen boasts tensile strength superior to standard stainless steel mesh, leading to increased dimensional accuracy and minimal tension loss and distortion.

Superfine Threads

Available at diameters as fine as 20 μm , V-Screen's superfine threads create larger mesh openings, reducing mesh interference and improving ink transition.

Superb Light Transparency

With higher light transparency and lower light reflection than stainless steel mesh, V-Screen allows easier setup of exposure time for ultrafine screen resolutions.

Stainless Steel

The mainstay of high-end screen production, we utilize metallic mesh in a variety of specifications, each with specific features and abilities that perfectly adapt it to your application.

Upgraded

Woven with wire 30% stronger than standard stainless, our upgraded stainless allows for higher screen tension, significantly improving dimensional accuracy and service life.

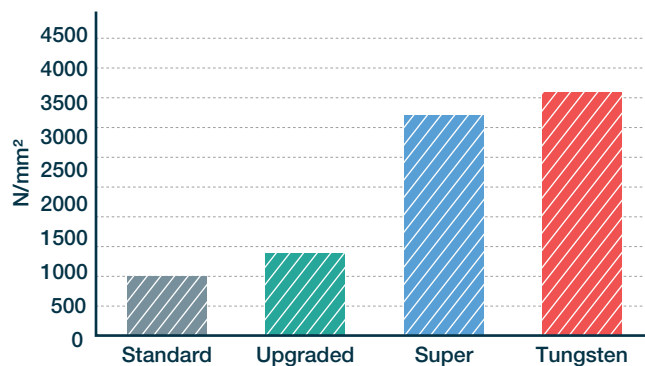
Super

Featuring 3x the tensile strength of standard stainless, thinner threads, and 30% more open area, our super stainless minimizes mesh interference, making it ideal for use with high viscosity paste.

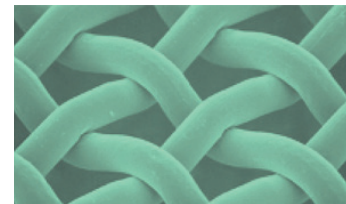
Tungsten

Our tungsten mesh represents the future of wire meshes, boasting greater physical stability and print repeatability than any stainless steel wire mesh.

Comparison of Tensile Strength



Upgraded



Super



Emulsion

We use fine-line emulsions engineered specifically to address the demands of the printed electronics and other high end industries. These top quality emulsions and capillary films deliver on-press stability and durability and a very fine resolution, enabling razor sharp edges and a precise ink deposit.



We're focused on technology and expertise

State-of-the-art Facility and Process

Our screens are produced in a cleanroom designed to exceed Class 10,000 (ISO 7) standards and outfitted with high end precision screen making and quality control equipment. Our process is the result of years of experience and a dedication to continual improvement. These factors ensure accuracy and repeatability.



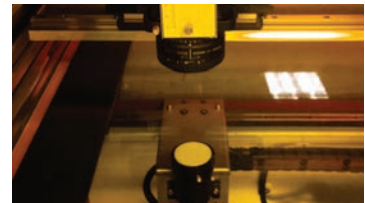
Advanced Quality Control

Our process incorporates quality control throughout. Industry-leading QC equipment such as automated dimensional inspection and visual inspection machines, and precise thickness gauges accurate to within 0.5 µm provide you with the confidence of consistency.



Expert Technical Support

Our expert technical sales and engineering teams are highly trained, have experience in a wide range of industries, and are ready to assist you in selecting the optimum combination of materials and screen specifications for your particular application.



A Commitment to Quality

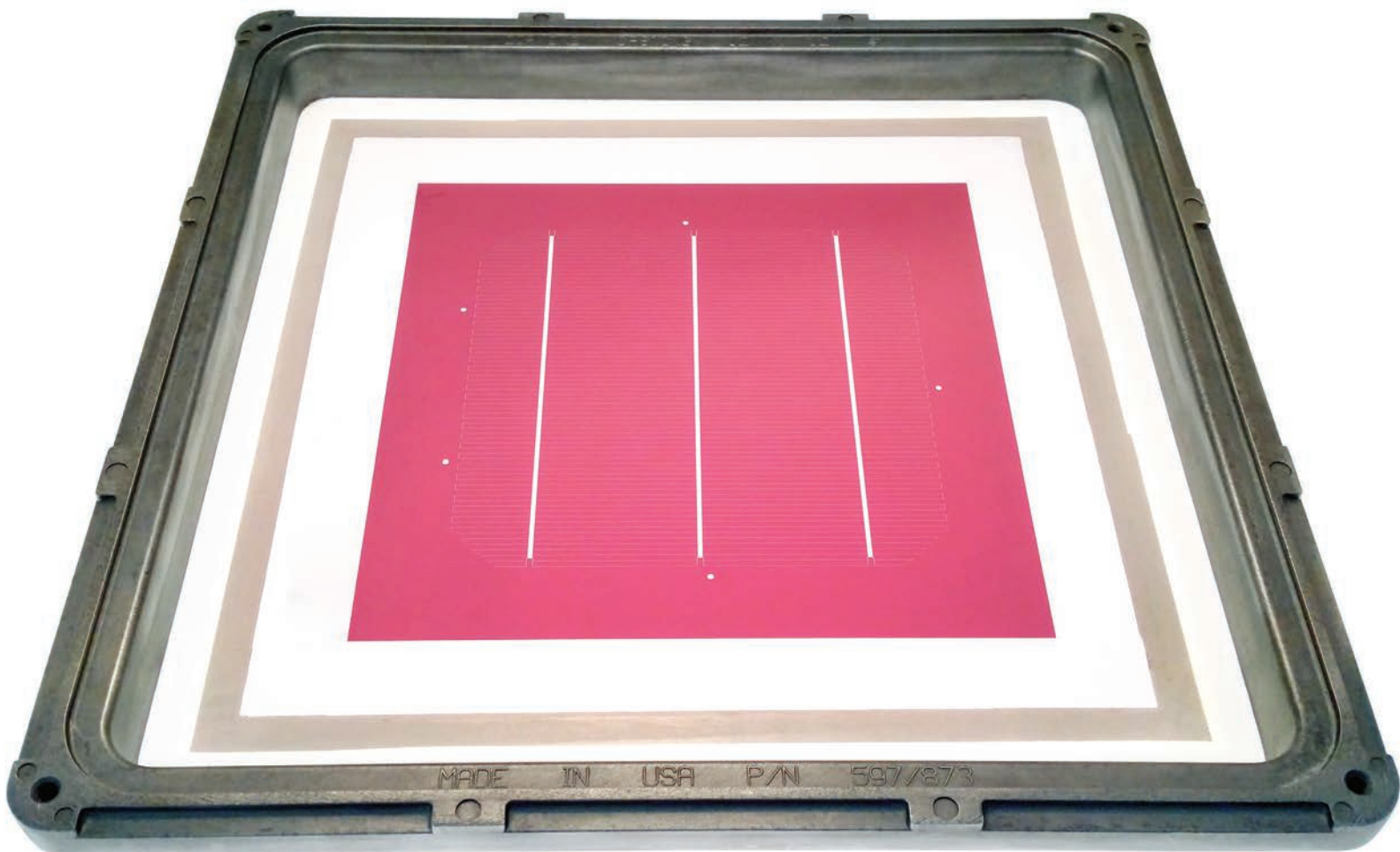
For over 80 years, NBC Meshtec Inc. of Japan has been a front-runner in the world of screen printing through cutting-edge technology and a commitment to continual improvement. That legacy as a quality-driven organization continues with our ongoing registration to the ISO 9001 standard.



Dynamesh screens are used extensively in medical, electronic, and other high-tech industries.

We're focused on you and your industry

NBC Meshtec Americas utilizes top quality materials, strict quality controls, and the latest technology to create screens that enable high quality production in a wide range of industries. We offer customer and technical support that is focused on you, leaving you free to focus on what matters most.



Dynamesh Inc. established in the United States as a subsidiary of NBC Meshtec Inc., supplying top quality mesh to high end manufacturers

Newly designed state-of-the-art cleanroom enables production of high end screens for electronics and thickfilm applications

Nippon Bolting Cloth Co., Ltd. (later renamed NBC Meshtec Inc.) founded in Japan to develop high quality bolting silk weaving technology for the flour milling industry

Screen making facility established for the manufacture of high quality graphic and CD/DVD stencils

Dynamesh Inc. attains ISO 9001 certification

Surge in customer demand necessitates significant expansion and upgrade of existing cleanroom

Dynamesh Inc. is renamed NBC Meshtec Americas Inc.

1934

1990

2001

2002

2004

2012

2017

A continuing tradition of quality...

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