

Edward J. Darby & Son, Inc.: Wire Mesh Overview

Wire mesh, which is also referred to as wire cloth or wire fabric, is an extremely versatile product that has thousands of different applications throughout the world. What makes wire mesh such an adaptable product is that it can be produced in a countless number of specifications. Depending upon manufacturing capabilities, there are almost endless combinations of mesh/opening size and diameter wire that can be produced, either in a woven or welded construction.

Wire mesh is commonly used in industrial applications when separation or filtration is needed; it is also popular for use in commercial applications, like insect screening or animal fencing. More widespread applications for wire mesh include: various types of security mesh, like window, machine and stairwell panel guards, fireplace screen, bird screen, gutter guards, ventilation and RFI shielding. More recently, wire mesh has emerged into the architectural field and the art scene.

Edward J. Darby & Son, Inc. prides itself on maintaining one of the most complete and extensive wire mesh inventories in the United States. Darby weaves, welds and stocks thousands of different wire mesh specifications including: woven and welded wire mesh, space (clear opening) wire cloth, standard or market grade, milling grade, and bolting grade.

In our 160 plus years of an industry leader, Edward J. Darby & Son, Inc. has supplied wire mesh to a broad range of industries and fields including: agricultural, automotive, biometrics, building & construction products, chemical, coal, electronic, food, glass, heat treating, insulation, machining, mining, oil and oil refining, plastics, pharmaceuticals, rubber, textile and tobacco.

Darby's website includes two very important sections to better familiarize the visitor to the nuts and bolts of the wire mesh industry. Darby's Wire Mesh Glossary contains definitions and explanations of key terms and concepts; important information related to common Wire Mesh Metals and Alloys is also worthwhile to explore and can be found on our website at www.darbywiremesh.com