

Introducing . . .



EXPANSION JOINTS

*The Newest Line in Hose Master's
Vast Array of Products*



HOSE MASTER Inc.

1233 East 222nd Street • Cleveland, OH 44117
(216) 481-2020 • (800) 221-2319 • Fax: (216) 481-7557
www.hosemaster.com

Design Specifications

Size Range

From 2" through 72" pipe sizes (tube sizes also available)

Constructions

Single and Multi-ply

Temperatures

Current applications for process temperatures ranging from -450° F to +2,000° F.

Pressures

Pressure capabilities ranging from full vacuum to 1,800 psig

Available Alloys

Stainless Steel T304, T304L, T321, T316, T316L

Inconel 600, 625, 800

Monel 500

Alloy 230

Other alloys available upon request

Design Features

Design Analysis

FEA (Finite Element Analysis) to analyze performance requirements and mathematically evaluate fatigue and cycle life criteria

3D CAD modeling

Design Standards

Design cycle life can be based upon EJMA Edition 7, ASME B31.1, B31.3, ASME Sec VIII standards, or customer specifications

Hose Master Stress Analysis Data Sheet provided with each design

Testing & Quality

Hose Master pneumatically tests 100% of all expansion joints

Mass spectrometer, hydrostatic, liquid penetrant inspection, high pressure gas, and radiographic testing are available

Upon request, a report can be issued for cycle life testing, hardness, and spring rate verification

ISO 9001:2000 Registered

Expansion Joints



HOSE MASTER Inc.

1233 East 222nd Street • Cleveland, OH 44117
(216) 481-2020 • (800) 221-2319 • Fax: (216) 481-7557
www.hosemaster.com