



**Acceptable Manufacturers List Piping  
Engineered Items  
RS USA 21.04.01.00**

NA  
Standard

**N-E-MP-11**

2019-10

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## 1 Scope

This Standard provides a list of manufacturers that are acceptable to Covestro for piping engineered items:

- Expansion joints
- Loading systems
- Spring hangers
- Metallic hose assemblies

## 2 Normative References

The following documents, if shown, are referenced in this document (“Referenced Documents”) and contain the minimum information that needs to be taken into account when applying this Standard. For each undated Referenced Document, the latest revision of such Referenced Document applies. For each dated Referenced Document, only the so identified edition of such Referenced Document applies.

G-G-JA-3                      General Definitions

## 3 Terms, Definitions and Abbreviations

### 3.1 Terms and Definitions

Capitalized terms used but not defined in this document are defined in Standard G-G-JA-3.

### 3.2 Abbreviations

## 4 General

Items, as used within this Standard, are defined as capital asset level pieces of equipment.

## 5 Content

Vendors of piping engineered items are listed as follows:

- 1) Expansion joints
  - Engineered metallic
    - American Boa, Inc.
    - Badger Industries, Inc.
    - Hyspan Precision Products, Inc.
    - Senior Flexonics Pathway, Inc.
    - Microflex, Inc.
- 2) Loading systems
  - Gardner Denver, Inc. – Emco Wheaton
  - Dover Corp. – OPW Fluid Transfer Group – OPW Engineered Systems
  - FMC Technologies, Inc. – Chiksan

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3) Spring hangers

- AAA Technology & Specialties Co., Inc.
- Pipe Supports Group – Bergen
- Mueller Water Products, Inc. – Anvil International
- Piping Technology & Products, Inc.
- LISEGA SE – LISEGA, Inc.

4) Hose assemblies

The acceptable Vendors for fabricated metallic hose assemblies (hose, braid, and end fittings) are as follows:

- 300-Series austenitic stainless steel:
  - Branham Corporation
  - GHX Industrial LLC
- Where a commodity catalog part references in this Standard but also lists specific manufacturers and their respective figure numbers, the hose assembly shall either be fabricated by Vendors listed in this Standard or supplied as an off-the-shelf item by Vendors listed in the commodity description.

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## Amendments

This document is uncontrolled when printed. The latest version can be found on the Covestro website.

This is revision 9, published 2019-10.

## Previous Editions

This document was originally issued on 2013-09.

For previous editions, refer to the Historical Documents published on the Covestro website.

For information on changes from previous editions, refer to the Revision Notes published on the Covestro website.

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