

Certifications



Canadian Registration Number (CRN)

The Canadian Standards Association (CSA) developed standards for the fabrication of Boilers, Pressure Vessels and Pressure Piping under the auspices of CSA Standard B51-03 (Boiler, Pressure Vessel and Pressure Piping Code). This code is established to maintain agreed-upon standards of quality, performance and interchangeability and/or safety. CSA B51-03 is roughly equivalent to the American Society for Mechanical Engineers (ASME) Code for Pressure Piping, B31. CSA B51-03 references a variety of ASME standards and defers to "recognized North American standards" for a number of the requirements of the Canadian Standard.

Prior to 2003, CRNs could apply to bulk hose, but now it must be obtained by the fabricator of the hose assemblies. The assemblies must have the CRN number stamped on the ferrule or on a metal tag permanently attached to the assembly.

Hose Master has earned CRNs for the following products and fittings as assemblies:

Annuflex - National CRN Number 0D12411.5C

Annuflex is the standard of Hose Master's extensive line of high performance annular corrugated stainless steel hose. Proprietary forming technology ensures the excellent cycle life of the hose, with minimum effort to flex or bend.

Available in:

ID: 1/4" - 12"

Alloys: T321, T316L, T304L

Pressure Rating: *Please consult Customer Service for CRN approved pressure ratings*

Masterflex - National CRN Number 0D12438.5C

Masterflex is manufactured using the same high quality process used to make Annuflex hose, while the number of corrugations per foot is increased to allow for greater flexibility.

Available in:

ID: 1/4" - 6"

Alloys: T321, T316L, T304L

Pressure Rating: *Please consult Customer Service for CRN approved pressure ratings*

ChemKing™ - National CRN Number 0D12502.5C

ChemKing™ chemical transfer hose. ChemKing™ offers excellent corrosion resistance in many of the most severe applications found in chemical processing.

Available in:

ID: 1/4" - 2"

Alloys: 276

Pressure Rating: *Please consult Customer Service for CRN approved pressure ratings*

Fitting Options



A-Stub with
Lap-Joint Flange



C-Stub with
Slip-On Flange



Weld Neck
Flange



Concentric Weld
Reducer



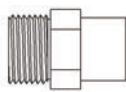
Elbow



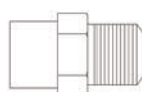
Male Pipe
Nipple



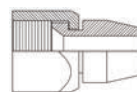
Weld Nipple



Hex Male
Nipple



Male JIC



Female JIC



Female
Half Coupling



Female Union



HOSE MASTER

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Registered Quality System

