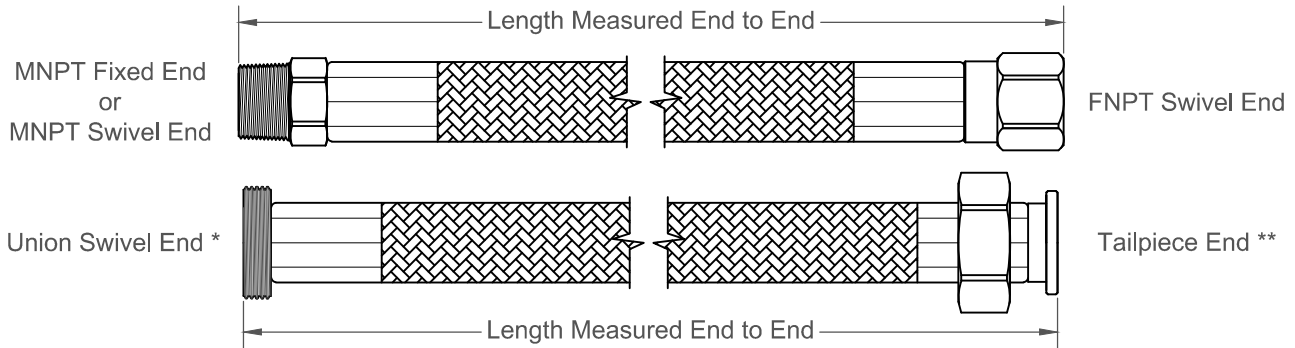




HSS Series Specifications Stainless Steel Braided Hose



PRODUCT DESCRIPTION: The Model HSS is a stainless steel braided hose that is abrasion resistant. The HSS has a CPE inner tube with brass end connections and stainless steel ferrules for the ½" - 1" hose sizes, and an EPDM inner tube with stainless steel ferrules and plated steel end connections for the 1¼" - 2" hose sizes. The flexible hose eases installation and is designed to withstand high pressures and varying temperatures. The standard end connections are MNPT Fixed x MNPT Swivel. Other available end connection options are FNPT Swivel connections, Union Swivel *, and Tailpiece ** connections are available for the ½", ¾", and 1" hose sizes. The Model HSS is BUY AMERICAN COMPLIANT.

* The Swivel Union comes standard with an EPDM O-ring, tailpiece, and union nut which must be specified at the time of order. The swivel union easily converts line connection types and offers line size reductions. The tailpieces are available in FNPT, MNPT, and Sweat ends.

** The Tailpiece hose end connection is designed to connect directly to union ended coil kit components (AFLB, AFLD, AU, CBV, IBU, or IVY). The tailpiece end eliminates multiple connections.

PRODUCT SPECIFICATIONS	
Tube	CPE (Chlorinated Polyethylene) for ½" - 1" sizes - SAE J1019 EPDM (Ethylene Propylene Diene Monomer) for 1¼" - 2" sizes - SAE 20R1-D1
Reinforcement	304L Stainless Steel braid cover meets UL-94 requirements
Ferrules	Type 304L stainless Steel ½" - 1" I.D. - Brass
End Fittings	1¼" - 2" I.D. - Steel Plated -40°F to 257°F (-40°C to 125°C)
End Connections	NPT Male, NPT Male Swivel, NPT Female Swivel (½" - 1"), Swivel Union * (½" - 1"), Tailpiece ** (½" - 1")
Temperature Ratings	Meets UL-94 Requirements Fire Retardant Material (CPE)
Specification information is provided to assist and is given without obligation or warranty. The Company reserves the right to make changes in design, materials, and/or specifications without notice.	

Size	Length	Working PSI	Bend Radius	** Cv
½"	12, 18, 24, 30, 36	500 PSI	5"	7
¾"	12, 18, 24, 30, 36	500 PSI	7"	20
1"	12, 18, 24, 30, 36	500 PSI	7"	43
1¼"	12, 18, 24, 30, 36	250 PSI	12"	76
1½"	18, 24, 30, 36	250 PSI	12"	130
2"	18, 24, 30, 36	250 PSI	20"	280

Length is measured End to End on all hose connection types.

** Cv listed in chart above is for a 24" length hose. The Cv is estimated and can vary according to installation.