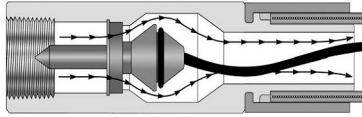
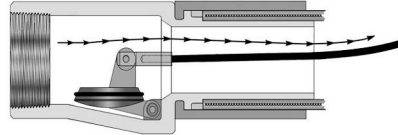


We are the Smart company securing your weak link to preserve the environment and prevent catastrophic hose failures!

Smart-Hose® Metal Hose Assemblies



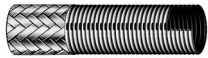
LL1 Design
*Available 1/4" to 1" ID



LL3 Design
*Available 1-1/4" to 8" ID

Smart-Hose® assemblies are designed and engineered with a valve integrated in each end fitting. If the hose assembly experiences a catastrophic hose failure, the Smart-Hose® Safety System is designed to instantaneously shut off the flow in both directions. Designed as a passive safety device, the Smart-Hose® Safety System needs no human intervention to activate.

- Each hose is tested under water with dry air or nitrogen to working and test pressure
- Each hose is serial numbered
- Each hose is shipped with a Test Certificate and Operating Booklet
- 316 Stainless Steel fittings are designed for reuse on new hose
- Mass-spectrometer testing available upon request



Single Braid



Double Braid

Hose Data

- Braids** 304 Stainless Steel - Single / Double
- Construction** P4 Series, Annular/standard pitch -Series 700-Annular/Standard pitch / Series 800-Series 900-Annular/ Close Pitch
- Tube** 316L Stainless Steel
- Cover** SS Armor Available
- Maintenance** See Smart-Hose Proper Use, Care, and Maintenance Booklet

P4 Series Hose ID (in.)	P4 Series Braid Layers	P4 Series Working Pressure PSI	P4 Series Burst Pressure PSI	Bend Radius (in.)		Hose Weight Per Ft (lb.)	Smart-Hose End Fittings	End Fitting Weight (lb.) each	Part Number
				Dyn.	Static				
1/6	1	590	2360	9.00	2.75	0.79	FNPT X FNPT FNPT X FNPT	1.60	M2000814XXXX* M2100814XXXX*
	2	944	3776						
1-1/4	1	540	2160	10.50	3.50	1.12	FNPT X FNPT FNPT X FNPT	2.9	M2001033XXXX* M2101033XXXX*
	2	864	3456						
1-1/2	1	475	1900	12.00	4.00	1.29	MNPT X MNPT MNPT X MNPT	3.4	M2001232XXXX* M2101232XXXX*
	2	760	3040						
2	1	530	2,120	15.00	5.00	1.61	FNPT x FNPT FNPT x FNPT	5.1	M2001633XXXX* M2101633XXXX*
	2	848	3,392						
3	1	335	1,340	22.00	9.00	2.00	MNPT x MNPT MNPT x MNPT	12.1	M2002432XXXX* M2102432XXXX*
	2	536	2,145						
4	1	240	960	27.00	13.00	240	MNPT x MNPT MNPT x MNPT	20.7	M2003232XXXX* M2103232XXXX*
	2	384	1536						
Series 700 Hose ID (in.)	Series 700 Braid Layers	Series 700 Working Pressure PSI	Series 700 Burt Pressure PSI	Bend Radius (in.)		Hose Weight Per Ft (lb.)	Smart-Hose End Fittings	End Fitting Weight (lb.) each	Part Number
1/4	1	2116	8464	5.00	1.00	0.17	FNPT X FNPT FNPT X FNPT	1.60	M0300211XXXX* M0400211XXXX*
	2	3125	12500						
1/2	1	1075	4301	8.00	1.50	0.63	FNPT X FNPT FNPT X FNPT	2.9	M0300411XXXX* M0400411XXXX*
	2	1720	6880						
3/4	1	792	3168	8.00	2.00	0.79	MNPT X MNPT MNPT X MNPT	3.4	M0300611XXXX* M0400611XXXX*
	2	1267	5069						



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Smart-Hose® Metal Hose Assemblies

Series 800 Hose ID (in.)	Series 800 Braid Layers	Series 800 Working Pressure PSI	Series 800 Burt Pressure PSI	Bend Radius (in.)		Hose Weight Per Ft (lb.)	Smart-Hose End Fittings	End Fitting Weight (lb.) each	Part Number
				Dyn.	Static				
1/4ö	1	2562	10250	5.00	1.00	0.17	FNPT X FNPT FNPT X FNPT	1.60	M1100211XXXX* M1200211XXXX*
	2	4099	16400						
1/2ö	1	2194	8777	8.00	1.50	0.63	FNPT X FNPT FNPT X FNPT	2.9	M1100411XXXX* M1200411XXXX*
	2	3510	14040						
3/4ö	1	1311	5244	8.00	2.00	0.79	MNPT X MNPT MNPT X MNPT	3.4	M1100611XXXX* M1200611XXXX*
	2	2098	8392						
1ö	1	1069	4276	9.00	3.00	1.20	FNPT X FNPT FNPT X FNPT	1.60	M1100814XXXX* M1200814XXXX*
	2	1710	6840						
1 1/4ö	1	1110	4443	10.00	3.25	1.66	FNPT X FNPT FNPT X FNPT	2.9	M1101033XXXX* M1201033XXXX*
	2	1776	7040						
1 1/2ö	1	868	3472	10.00	3.25	2.11	MNPT X MNPT MNPT X MNPT	3.4	M1103232XXXX* M1203232XXXX*
	2	1388	5552						
2ö	1	810	3240	11.50	5.38	2.56	FNPT X FNPT FNPT X FNPT	5.1	M1101633XXXX* M1201633XXXX*
	2	1296	5184						

Series 900 Hose ID (in.)	Series 900 Braid Layers	Series 900 Working Pressure PSI	Series 900 Burt Pressure PSI	Bend Radius (in.)		Hose Weight Per Ft (lb.)	Smart-Hose End Fittings	End Fitting Weight (lb.) each	Part Number
				Dyn.	Static				
1/4ö	2	4406	17627	12.00	6.00	0.36	FNPT X FNPT	1.60	M1400211XXXX*
1/2ö	2	3510	14040	14.00	7.00	0.76	FNPT X FNPT	2.9	M1400411XXXX*
3/4ö	2	3192	12769	15.00	7.5	1.19	FNPT X FNPT	3.4	M1400611XXXX*
1ö	2	2558	10234	16.00	8.00	1.94	FNPT X FNPT	1.60	M1400814XXXX*
1-1/4ö	2	2107	8431	18.00	9.00	2.48	FNPT X FNPT	2.9	M1401033XXXX*
1-1/2ö	2	1698	6795	19.00	9.50	3.30	MNPT X MNPT	3.4	M1403232XXXX*
2ö	2	1346	5388	24.00	12.00	3.91	FNPT X FNPT	5.1	M1401633XXXX*

For 6ö and 8ö ID Hoses , please call for quote.

* XXXX Represents the overall length of the hose assembly in inches

