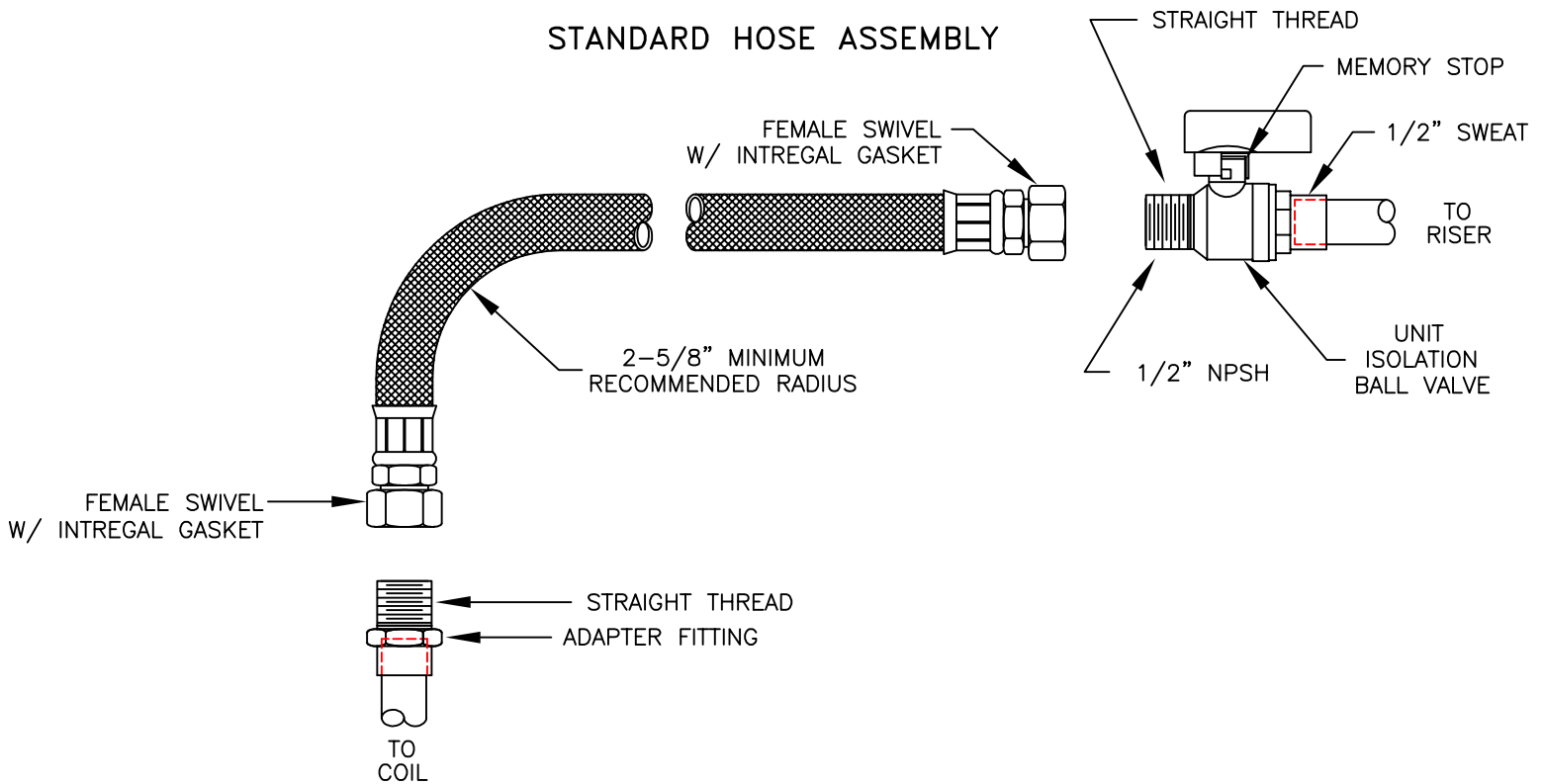


STANDARD HOSE ASSEMBLY



SPECIFICATIONS:

HOSE: STAINLESS STEEL W/ FLEXIBLE CONNECTOR
 CORE - - KEVLAR REINFORCED EPDM
 WALL THICKNESS - 0.118
 THERMAL CONDUCTIVITY - 0.406 [Btu-in/hr-ft²-°F]
 BRAID - - 304 STAINLESS STEEL
 FITTING - - BRASS OT58
 SEALS - - DUAL VITON O-RINGS
 FERRULE - - 304 STAINLESS STEEL
 PRESS/TEMP. RATING - - 375 PSIG @ 250°F
 TEST PRESS. - - 450 PSIG
 BURST PRESS, MINIMUM - - 1500 PSIG
 FLAME SPREAD - - < 25 (PER UL 723)
 SMOKE DEVELOPMENT - - < 50 (PER UL 723)
 Cv=3.7
 CONNECTORS ARE FIRE RATED. APPLICABLE STANDARD: ASTM E 84-00
 (NFPA 255, ANSI/UL 723 & UBC 8-1)
 CONNECTORS ARE DESIGNED FOR WATER ONLY,
 NOT INTENDED FOR GAS APPLICATIONS.

DIMENSIONS:

1/2" DIA X 18" L


BALL VALVE: FULL PORT BRASS W/MEMORY STOP.

2-1/8" H X 7/8" W X 2-1/4" L

BODY, SHAFT, TAIL - - BRASS OT58-UNI-5705-65
 HANDLE & NUT - - ALUMINUM
 BALL - - CHROME PLATED BRASS
 BALL SEALS - - TEFLON
 PRESSURE/TEMPERATURE RATING - 600 PSIG WOG @ 325°F
 Cv=17

ADAPTER: BRASS, 1/2" SWEAT X 1/2" NPSM.
 FACE ON END W/NPSM IS MACHINED FLAT
 AND TRUE FOR GASKET SEATING.

7/8" DIA X 1-3/8" L

REV. NO: 01	DATE:	BY:	UPDATED UNIONS	REVISION DESCRIPTION:
STANDARD APPLIED TOLERANCES				
WELDING:	LENGTH	±0.06"		
	ANGULAR	±3.0°	THIS DRAWING CONTAINS PROPRIETARY DATA. UNAUTHORIZED DISCLOSURE, REPRODUCTION, OR USE IS STRICTLY PROHIBITED WITHOUT WRITTEN PERMISSION.	
	SQUARE	±0.06"	DRN BY: JSM	DATE: 11/20/13
CU TUBING:	CUT LENGTH	±0.06"	CKD BY: ML	DATE: 11/20/13
	FORMED LENGTH	±0.12"	MATERIAL: N/A	
	FORMED ANGLES	5.0°	TITLE: SUBMITTAL / SPECIFICATIONS BRAIDED HOSE ASSEMBLY MODEL "VH"	
SHEETMETAL:	HOLE DIA.	±0.005"	DO NOT SCALE DRAWING	
	CUT SIZE	±0.03"	DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED.	
	CUT ANGLES	±1.0°	PLOT SCALE: 1=4	SHEET: 1 OF 1
	CUT SQUARE	±0.01"	DRAWING NO. 74-80000	
	FORMED DIA.	±0.03"	REV: 01	
	FORMED ANGLES	3.0°		
	FORMED SQUARE	3.0°		