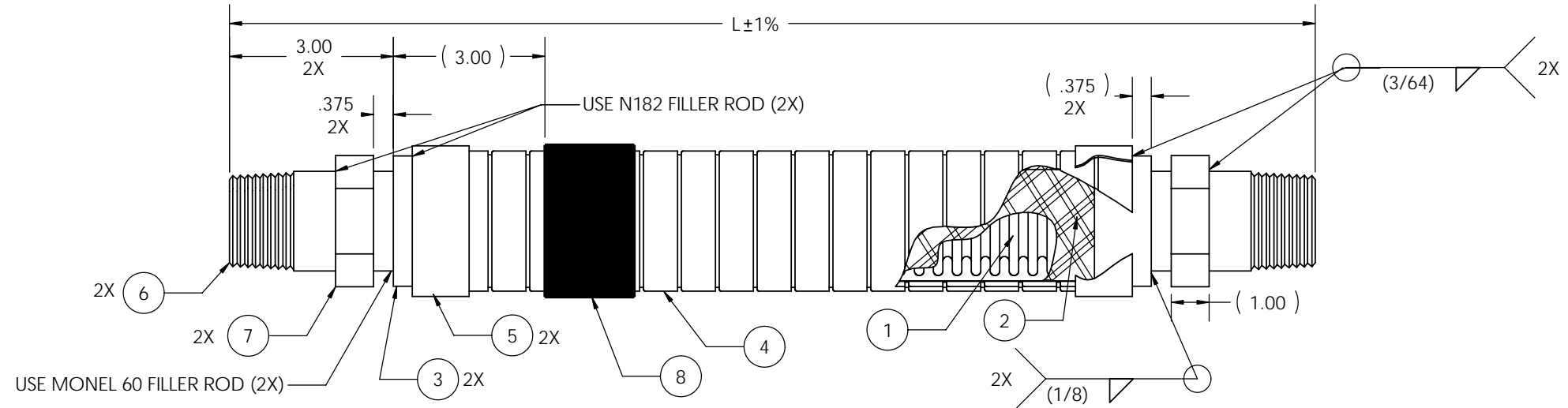


NOTES: UNLESS OTHERWISE SPECIFIED

1. WELD PER DELAFIELD SPEC, DS013 CLASS 1 (WELD PER ASME SECTION IX)
2. MINIMUM DESIGN PRESSURE 375 PSIG @ 70 °F (MINIMUM BURST PRESSURE 1875 PSIG)
3. MANUFACTURED AND TESTED IN ACCORDANCE WITH THE CHLORINE INSTITUTE RECOMMENDATIONS PER PAMPHLET 6 - APPENDIX A, PER DELAFIELD STANDARD OPERATING PROCEDURE
4. CLEAN & SEAL ENDS WITH PLASTIC CAPS
5. PERMANENTLY TAGGED WITH THE FOLLOWING:
 DELAFIELD CORP. D2150 - XX - XXXX - X
 DATE OF MFG: ___/___/___
 CHLORINE SERVICE SN: XXXXXX - XXX
 MAXIMUM W.P.: 375 PSIG
 MINIMUM BEND RADIUS
 NITROGEN PRESSURE TEST 750 PSIG FOR 2 MIN.
 MINIMUM SERVICE TEMP.: -350 °F
 (CHLORINE PER C.I. PAM. 6)
6. MINIMUM (WORKING) BEND RADIUS:
 1/2" HOSE = 10"
 1" HOSE = 11"
7. TESTING:
 A. EACH HOSE ASSEMBLY SHALL BE TESTED AT TWO (2) TIMES THE MAX W.P. (2X 375 PSIG = 750 PSIG) USING DRY NITROGEN GAS
 B. EACH HOSE ASSEMBLY SHALL BE HELIUM MASS SPECTROMETER TESTED TO A LEAK RATE OF 5 X 10⁻⁶ STD CC/SEC
8. MATERIAL & TEST CERTIFICATION REQUIRED
9. REPRESENTATIVE SAMPLES ARE TO BE BURST TESTED ON A QUARTERLY BASIS AND SHALL NOT FAIL AT A PRESSURE LESS THAN FIVE TIMES THE MAWP. RESULTS ARE TO BE KEPT ON FILE WITH THE QUALITY DEPARTMENT

REVISION			
REV	DESCRIPTION	APPROVED	DATE
B	SEE DCN		



1/2" I.D. HOSE ASSEMBLY BILL OF MATERIALS

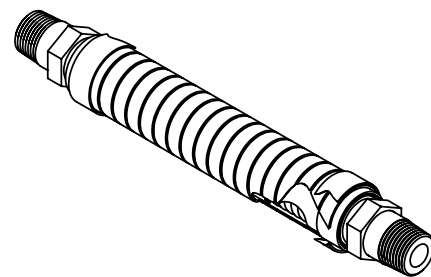
1" I.D. HOSE ASSEMBLY BILL OF MATERIALS

-8 (SINGLE BRAID)						
QTY	PART NO	REV	LENGTH	DESCRIPTION	MATERIAL	ITEM
1	D11431-08	A		TAG	304 SS	8
2	D11427-08	A		HEX	T-304 SS	7
2	FN008S024T-MONL-8	-		NIPPLE, NPT, SCH 80	MONEL 400	6
2	N/A	N/A		BRAID COLLAR	T-304 SS	5
1	LN014UI-304-STD	-		ARMOR	T-304 SS	4
2	D11432-08-1	A		BRAID COLLAR	MONEL 400	3
1	008-1MB	PEN		PENFLEX BRAID	MONEL 400	2
1	008PW740	PEN		PENFLEX HOSE	MONEL 400	1

-16 (SINGLE BRAID)						
QTY	PART NO	REV	LENGTH	DESCRIPTION	MATERIAL	ITEM
1	D11431-16	A		TAG	304 SS	8
2	D11427-16	A		HEX	T-304 SS	7
2	FN016S024T-MONL-8	-		NIPPLE, NPT, SCH 80	MONEL 400	6
2	N/A	N/A		BRAID COLLAR	T-304 SS	5
1	1 5/8 IN15SS	HOM		ARMOR	T-304 SS	4
2	D11432-16-1	A		BRAID COLLAR	MONEL 400	3
1	016-IMB-XH	PEN		PENFLEX BRAID	MONEL 400	2
1	016PW740	PEN		PENFLEX HOSE	MONEL 400	1

-8 (DOUBLE BRAID)						
QTY	PART NO	REV	LENGTH	DESCRIPTION	MATERIAL	ITEM
1	D11431-08	A		TAG	304 SS	8
2	D11427-08	A		HEX	T-304 SS	7
2	FN008S024T-MONL-8	-		NIPPLE, NPT, SCH 80	MONEL 400	6
2	N/A	N/A		BRAID COLLAR	T-304 SS	5
1	LN016UI-304-STD	-		ARMOR	T-304 SS	4
2	D11432-08-2	A		BRAID COLLAR	MONEL 400	3
2	008-1MB	PEN		PENFLEX BRAID	MONEL 400	2
1	008PW740	PEN		PENFLEX HOSE	MONEL 400	1

-16 (DOUBLE BRAID)						
QTY	PART NO	REV	LENGTH	DESCRIPTION	MATERIAL	ITEM
1	D11431-16	A		TAG	304 SS	8
2	D11427-16	A		HEX	T-304 SS	7
2	FN016S024T-MONL-8	-		NIPPLE, NPT, SCH 80	MONEL 400	6
2	N/A	N/A		BRAID COLLAR	T-304 SS	5
1	1 3/4 IN15SS	HOM		ARMOR	T-304 SS	4
2	D11432-16-2	A		BRAID COLLAR	MONEL 400	3
2	016-IMB-XH	PEN		PENFLEX BRAID	MONEL 400	2
1	016PW740	PEN		PENFLEX HOSE	MONEL 400	1



D2150 - XX - XXX X - X

BRAID
 1 = SINGLE BRAID
 2 = DOUBLE BRAID

LENGTH (IN FRACTIONS EXPRESSED IN 1/8"; EXAMPLE 4/8" = 1/2" = 4)

LENGTH (IN WHOLE INCHES; EXAMPLE 18" = 018)

I.D. SIZE (IN 1/16")
 08 = 1/2" NOMINAL
 16 = 1" NOMINAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: .X ± .1 .XX ± .03 .XXX ± .010 ANGULAR TOL ± 3° FINISH: 125/√ DO NOT SCALE DRAWING	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF DELAFIELD CORPORATION. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF DELAFIELD CORPORATION IS PROHIBITED.		DELAFIELD CORPORATION	
	APPROVALS		DATE	
	DRAWN: S. MUNOZ	12/17/02	TITLE METAL HOSE ASSEMBLIES, CHLORINE TRANSFER	
	CHECKED: R.D.B.	12/17/02		
RESP ENG: J.M.	12/28/02	SIZE: B	DWG: D2150	REV: B
MFG ENG:		SCALE: 1:3		SHEET 1 OF 1