

Comfort Systems USA (Arkansas), Inc.
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Little Rock, AR 72231
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Date: 07/29/2026
Return Request: 08/19/2026
Project: Highlands Building at Pinnacle Hills
Supplier: Comfort Systems USA
Manufacturer: Various
Submittal: Expansion Fittings and Loops For HVAC Piping
Submittal Number: 23 05 16-01
Drawing # and Installation: Mechanical

ARCHITECT

Crafton Tull
Fayetteville, Ar

ENGINEER

IMEG

GENERAL CONTRACTOR

Clark Contractors
Rogers, Ar

MECHANICAL SUBCONTRACTOR

Comfort Systems USA (Arkansas), Inc.
116 Commercial Ave.
Lowell, AR 72745
(479) 770.8992

NOTES:

Flex Connectors for HVAC Equipment

CSUSA PROJECT NO.
26-5034

jzuber@comfortar.com



Submittal Section

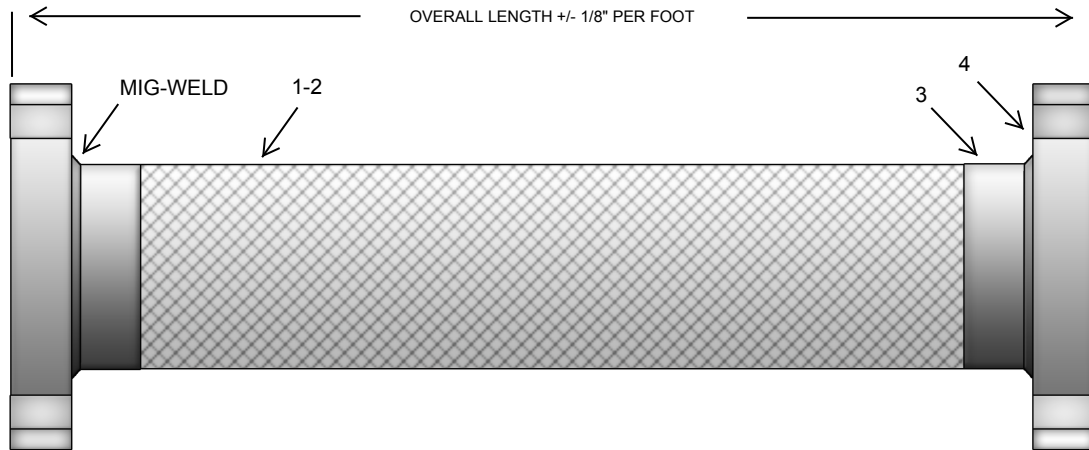
PROJECT: Highlands Oncology Group

SECTION: Flex Connectors

SPECIFICATION: 23 05 16

PREPARED BY: Will Cunningham	
DATE: 7/30/2026	

TCHS - FLG



MATERIALS

- #1-2 HOSE: T-321 STAINLESS STEEL CORRUGATED HOSE 1-LAYER T-304 BRAID
- #3 BRAID BAND: T-304 STAINLESS STEEL
- #4 END FITTING: CARBON STEEL PLATE FLANGES 150# DRILL

QTY	MODEL NUMBER	SIZE	OAL	MAX O.D.	WRK. PSIG	MAX TEST	@ TEMP.	LATERAL OFFSET	WT. LBS.
	TCHS-150-FLG	1 1/2"	9"	1.91"	370	555	70° F	1/16"	8
	TCHS-200-FLG	2"	9"	2.46"	370	555	70° F	1/16"	10
	TCHS-250-FLG	2 1/2"	9"	3.45"	400	600	70° F	1/16"	14
	TCHS-300-FLG	3"	9"	4.01"	288	431	70° F	1/16"	15
	TCHS-400-FLG	4"	9"	5.03"	250	375	70° F	1/16"	19
	TCHS-500-FLG	5"	11"	6.10"	200	300	70° F	1/16"	26
6	TCHS-600-FLG	6"	11"	7.15"	165	247	70° F	1/16"	29
	TCHS-800-FLG	8"	12"	9.44"	215	323	70° F	1/16"	54
	TCHS-1000-FLG	10"	13"	11.49"	200	350	70° F	1/16"	68
	TCHS-1200-FLG	12"	14"	13.51"	160	240	70° F	1/16"	102
	TCHS-1400-FLG	14"	14"	15.67"	150	225	70° F	1/16"	126
	TCHS-1600-FLG	16"	14"	17.31"	110	165	70° F	1/16"	148

TEMPERATURE DERATING FACTORS: MULTIPLY X WRK. PSIG

200° F	250° F	300° F	350° F	400° F	500° F	600° F	700° F		
0.94	0.92	0.88	0.86	0.83	0.78	0.74	0.7		

DRAWN BY:

DRAWING NUMBER: _____ REV: _____

SIGNATURE: _____

DATE: _____

PO NUMBER: _____

PROJECT: _____

CUSTOMER: _____

NOTES: