

**SPECIFICATIONS : IFHCP - ISOTECH STAINLESS STEEL  
SINGLE BRAIDED FLEX HOSE WITH COPPER SWEAT ENDS**

**MAXIMUM LATERAL DEFLECTION**

Model	Hose Dia. (in)	Pressure @ 70° F (PSI)	OVERALL Length ( L ) (in)			
			12 (in)	16 (in)	20 (in)	24 (in)
IFHCP-0.5S- <b>L</b> -SW150	1/2	600	1.00	1.00	1.00	1.00
IFHCP-0.75S- <b>L</b> -SW150	3/4	600	1.50	1.50	1.50	1.50
IFHCP-1S- <b>L</b> -SW150	1	500	1.20	1.20	1.20	1.20
IFHCP-1.25S- <b>L</b> -SW150	1 ¼	450	0.85	2.00	2.00	2.00
IFHCP-1.5S- <b>L</b> -SW150	1 ½	400	0.59	1.53	2.00	2.00
IFHCP-2S- <b>L</b> -SW150	2	350	0.40	1.18	2.35	3.00
IFHCP-2.5S- <b>L</b> -SW150	2 ½	300	0.10	0.42	0.95	1.70
IFHCP-3S- <b>L</b> -SW150	3	280	0.05	0.29	0.72	1.33
IFHCP-4S- <b>L</b> -SW150	4	200	0.01	0.17	0.53	1.08

**MATERIALS OF CONSTRUCTION**

HOSE:	316SS Standard Pitch
BRAID:	304SS Single Braid
END FITTINGS:	Copper Type L Female Sweat
RAID BANDS:	304SS — Standard

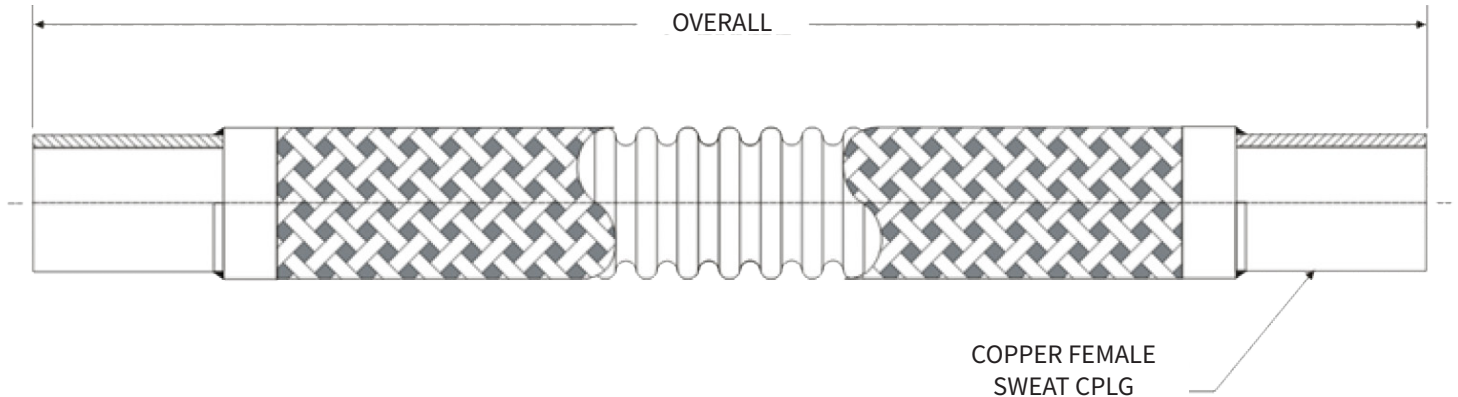
**NOTE:**

**L** = Length Of Overall Flex Hose Face to Face, to be Selected From Table for the required lateral deflection. ( **inch** )

ie. IFHCP-2S-**L**-sw150



IFHCP-2S-**12**-sw150



**TEMPERATURE CORRECTION FACTORS**

TEMP ° F	FACTOR
70	1.00
200	0.89
300	0.83
400	0.78
500	0.77
600	0.76

**NOTE:**

FOR SAFE MAXIMUM OPERATING PRESSURE, MULTIPLY PRESSURE RATING LISTED AT 70° F BY THE APPLICATION TEMPERATURE CORRECTION FACTOR.



**EXAMPLE:**

GIVEN THE APPLICATION WORKING TEMPERATURE OF 300° F, IF USING A 3" HOSE ASSEMBLY, MULITPLY 280 X 0.83 RESULT = 3" HOSE ASSEMBLY IS RATED FOR A MAXIMUM OF 232.4 PSI @ 300° F.

PROJECT INFORMATION		EQUIPMENT INFORMATION		Canada location	USA Location
Customer:		Type:		35 Silton Road Woodbridge ON L4L 7Z8 CANADA T: 905-856-5001	3021 E Coronado St. Anaheim, CA.,92806 U.S.A T: 949-788-2930
Project:		Qty Required:			
Drawing No:		Operating Weight:			
Notes:					Tool free : 1-888-831-3311 www.isotechindustries.com

