

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

File No.: ISCOS- IFHCP-0.5-4S-L-SW150

Date: 07/29/17

ISOIN- IFHCP-0.5-4S-L-SW150 Document, to be Reviewed for Installation

Installation Instructions

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

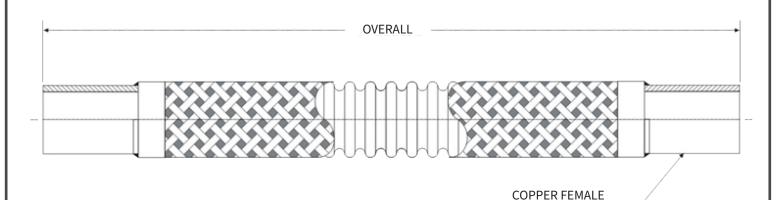
MAXIMUM LATERAL DEFLECTION								
Model	Hose Dia. (in)	Pressure @ 70° F (PSI)	OVERALL Length (L) (in)					
			12 (in)	16 (in)	20 (in)	24 (in)		
IFHCP-0.5S-L-SW150	1/2	600	1.00	1.00	1.00	1.00		
IFHCP-0.75S-L-SW150	3/4	600	1.50	1.50	1.50	1.50		
IFHCP-1S-L-SW150	1	500	1.20	1.20	1.20	1.20		
IFHCP-1.25S-L-SW150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



SWEAT CPLG

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

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	Ca
Customer:	Type:	35
Project:	Qty Required:	Wo L4l
Drawing No:	Operating Weight:	T: !
Notes:		

anada location

5 Silton Road oodbridge ON 4L 7Z8 CĂNADA 905-856-5001

USA Location

3021 E Coronado St. Anaheim, CA.,92806 U.S.A T: 949-788-2930



Tool free: 1-888-831-3311 www.isotechindustries.com

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