

IFHCS ISOTECH STAINLESS STEEL SINGLE BRAIDED FLEX HOSE WITH **CARBON STEEL FLANGE ENDS**

File No.: ISCOS- IFHCS-2-10S-L-FL150

Date: 07/29/17

ISOIN- IFHCS-2-10S-L-FL150

Installation Instructions

Document, to be Reviewed for Installation

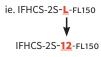
SPECIFICATIONS: IFHCS - ISOTECH STAINLESS STEEL SINGLE BRAIDED FLEX HOSE WITH CARBON STEEL FLANGE ENDS

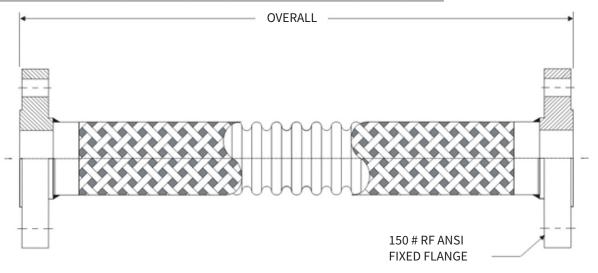
MAXIMUM LATERAL DEFLECTION										
Model	Hose Dia. (in)	Pressure @ 70°F (PSI)	OVERALL Length (L) (in)							
			12 (in)	14 (in)	16 (in)	18 (in)	20 (in)	24 (in)		
IFHCS-2S-L-FL150	2	285	0.81	1.26	1.80	2.44	3.00	3.00		
IFHCS-2.5S-L-FL150	2 ½	285	0.76	1.20	1.73	2.36	3.00	3.00		
IFHCS-3S-L-FL150	3	285	0.60	0.95	1.39	1.89	2.48	3.00		
IFHCS-4S-L-FL150	4	250	0.45	0.73	1.07	1.47	1.94	3.00		
IFHCS-5S-L-FL150	5	200	0.35	0.58	0.85	1.19	1.57	2.50		
IFHCS-6S-L-FL150	6	220	0.26	0.44	0.66	0.92	1.22	1.96		
IFHCS-8S-L-FL150	8	215	0.18	0.30	0.46	0.65	0.87	1.42		
IFHCS-10S-L-FL150	10	200	0.11	0.19	0.31	0.45	0.62	1.03		

MATERIALS OF CONSTRUCTION					
HOSE:	321SS Standard Pitch				
BRAID	304SS Single Braid				
END FITTINGS:	Carbon Steel 150# RF ANSI Flange				
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)





TEMPERATURE CORRECTION **FACTORS** 70 1.00 200 0.92 300 0.86 400 0.82 500 0.77 600 0.73

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 $400\,^{\circ}$ F, IF USING A 3" HOSE ASSEMBLY, MULTIPLY 285 X 0.82 RESULT = 3" HOSE ASSEMBLY IS RATED FOR A MAXIMUM OF 233.7 PSI @ 400°F.

PROJECT INFORMATION	EQUIPMENT INFORMATION	Car
Customer:	Туре:	35.5
Project:	Qty Required:	Woo L4L
Drawing No:	Operating Weight:	T: 9
Notes:		

anada location

Silton Road oodbridge ON L 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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