

IFHSS ISOTECH STAINLESS STEEL SINGLE BRAIDED FLEX HOSE WITH STAINLESS STEEL GROOVE ENDS

File No.: ISCOS- IFHSS-2-10S-L-GR150

Date: 07/29/17

ISOIN- IFHSS-2-10S-L-GR150

Installation Instructions

Document, to be Reviewed for Installation

SPECIFICATIONS: IFHSS - ISOTECH STAINLESS STEEL SINGLE BRAIDED FLEX HOSE WITH STAINLESS STEEL GROOVE ENDS

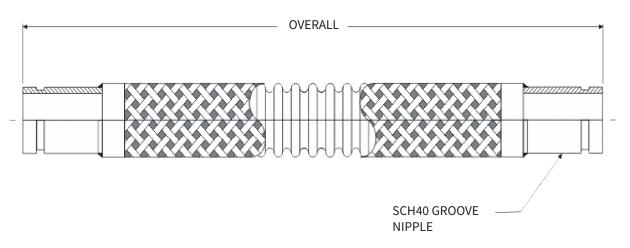
MAXIMUM LATERAL DEFLECTION										
Model	Hose Dia. (in)	Pressure @ 70°F (PSI)	OVERALL Length (L) (in)							
			12 (in)	14 (in)	16 (in)	18 (in)	20 (in)	24 (in)		
IFHSS-2S-L-GR150	2	500	0.32	0.62	1.02	1.52	2.11	3.00		
IFHSS-2.5S-L-GR150	2 ½	400	0.32	0.62	1.02	1.52	2.11	3.00		
IFHSS-3S-L-GR150	3	288	0.26	0.51	0.84	1.24	1.73	2.92		
IFHSS-4S-L-GR150	4	250	0.21	0.41	0.67	1.00	1.39	2.36		
IFHSS-5S-L-GR150	5	200	0.17	0.34	0.56	0.84	1.16	1.98		
IFHSS-6S-L-GR150	6	220	0.14	0.27	045	0.67	0.93	1.59		
IFHSS-8S-L-GR150	8	215	0.10	0.20	0.34	0.50	0.70	1.20		
IFHSS-10S-L-GR150	10	200	0.07	0.14	0.24	0.37	0.52	0.90		

MATERIALS OF CONSTRUCTION					
HOSE:	316SS Standard Pitch				
BRAID	304SS Single Braid				
END FITTINGS:	316SS Sch40 Groove				
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. IFHSS-2S-L-GR150 IFHSS-2S-12-GR150



TEMPERATURE CORRECTION **FACTORS** 1.00 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 288 X 0.82 RESULT = 3" HOSE ASSEMBLY IS RATED FOR A MAXIMUM OF 236.16 PSI @ 400°F.

PROJECT INFORMATION	EQUIPMENT INFORMATION	Ca
Customer:	Туре:	35
Project:	Qty Required:	Wo L4I
Drawing No:	Operating Weight:	T: 9
Netec		

anada location

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

USA Location

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



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

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