

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	0.45	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

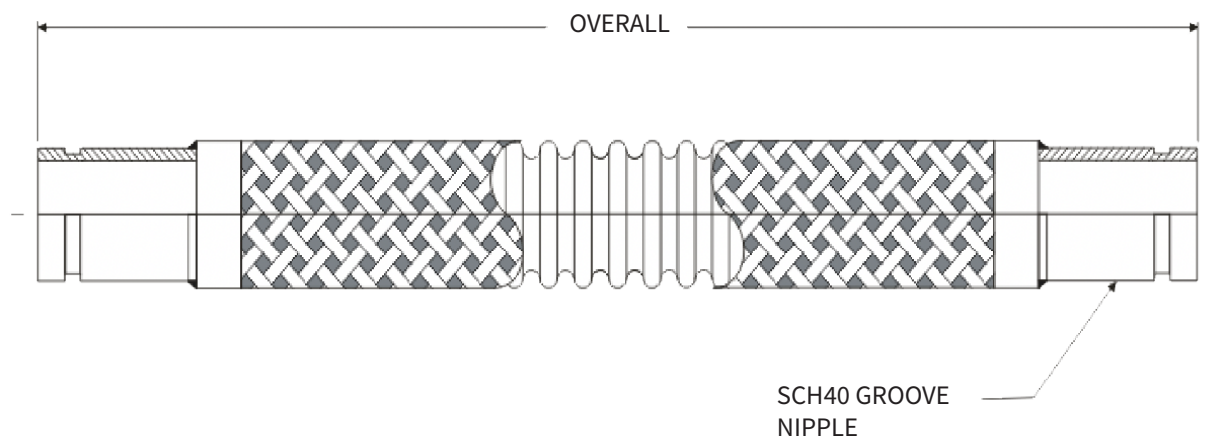
HOSE:	316SS Standard Pitch
BRAID	304SS Single Braid
END FITTINGS:	316SS Sch40 Groove
RAID BANDS:	304SS — Standard

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

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IFHSS-2S-12-GR150



TEMPERATURE CORRECTION FACTORS

TEMP ° F	FACTOR
70	1.00
200	0.92
300	0.86
400	0.82
500	0.77
600	0.73

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 400° 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		Canada location	USA Location
Customer:		Type:		35 Siltan 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	