

SPECIFICATIONS : IFHSS - ISOTECH STAINLESS STEEL SINGLE BRAIDED FLEX HOSE WITH STAINLESS 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)
IFHSS-2S- L -FL150	2	285	0.81	1.26	1.80	2.44	3.00	3.00
IFHSS-2.5S- L -FL150	2 ½	285	0.76	1.20	1.73	2.36	3.00	3.00
IFHSS-3S- L -FL150	3	285	0.60	0.95	1.39	1.89	2.48	3.00
IFHSS-4S- L -FL150	4	250	0.45	0.73	1.07	1.47	1.94	3.00
IFHSS-5S- L -FL150	5	200	0.35	0.58	0.85	1.19	1.57	2.50
IFHSS-6S- L -FL150	6	220	0.26	0.44	0.66	0.92	1.22	1.96
IFHSS-8S- L -FL150	8	215	0.18	0.30	0.46	0.65	0.87	1.42
IFHSS-10S- L -FL150	10	200	0.11	0.19	0.31	0.45	0.62	1.03

MATERIALS OF CONSTRUCTION

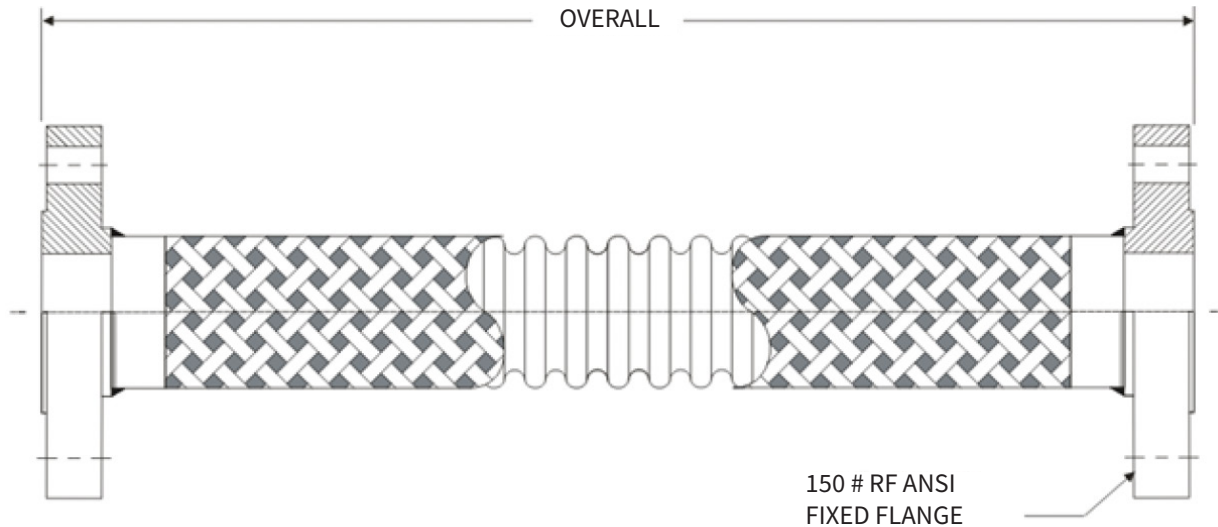
HOSE:	316SS Standard Pitch
BRAID	304SS Single Braid
END FITTINGS:	316SS 300# RF ANSI Flange
RAID BANDS:	304SS — Standard

NOTE:

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

ie. IFHSS-2S-**L**-FL150

IFHSS-2S-**12**-FL150



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 285 X 0.82
RESULT = 3" HOSE ASSEMBLY IS RATED FOR A MAXIMUM OF 233.7 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 