

**SPECIFICATIONS : IFHCS - ISOTECH STAINLESS STEEL
DOUBLE BRAIDED FLEX HOSE WITH CARBON STEEL GROOVE ENDS**

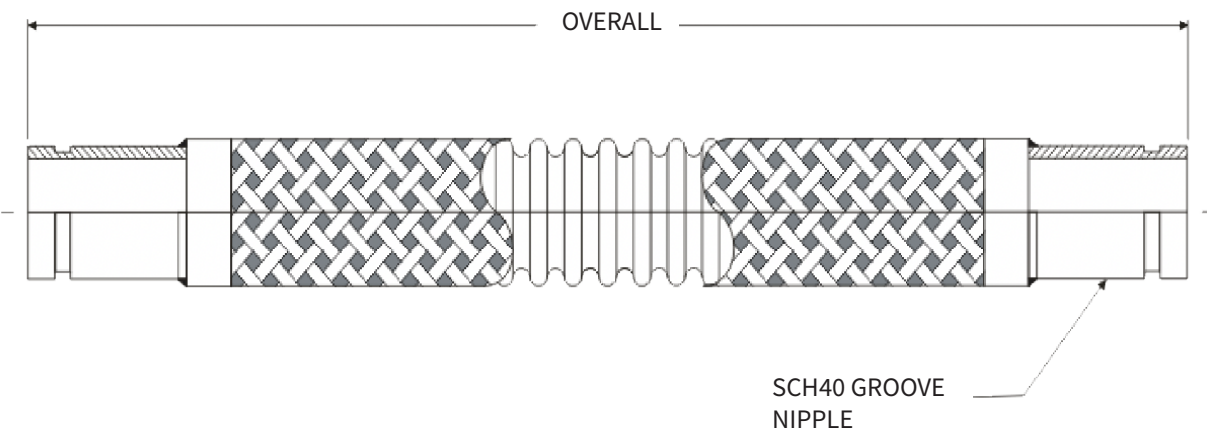
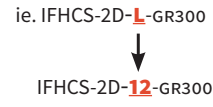
MAXIMUM LATERAL DEFLECTION

Model	Hose Dia. (in)	Pressure @ 70 °F (PSI)	OVERALL Length (L) (in)					
			12 (in)	14 (in)	16 (in)	18 (in)	20 (in)	24 (in)
IFHCS-2D-L-GR300	2	300	0.32	0.62	1.02	1.52	2.11	3.00
IFHCS-2.5D-L-GR300	2 ½	300	0.32	0.62	1.02	1.52	2.11	3.00
IFHCS-3D-L-GR300	3	300	0.26	0.51	0.84	1.24	1.73	2.92
IFHCS-4D-L-GR300	4	300	0.21	0.41	0.67	1.00	1.39	2.36
IFHCS-5D-L-GR300	5	245	0.17	0.34	0.56	0.84	1.16	1.98
IFHCS-6D-L-GR300	6	300	0.14	0.27	0.45	0.67	0.93	1.59
IFHCS-8D-L-GR300	8	275	0.08	0.18	0.30	0.46	0.65	1.13
IFHCS-10D-L-GR300	10	270	0.07	0.14	0.24	0.47	0.52	0.90

MATERIALS OF CONSTRUCTION

HOSE:	321SS Standard Pitch
BRAID	304SS Double Braid
END FITTINGS:	Carbon Steel 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)



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 300 X 0.82 RESULT = 3" HOSE ASSEMBLY IS RATED FOR A MAXIMUM OF 246 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	