

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

File No.: ISCOS- IFHCS-0.5-3S-L-MTH150

Date: 07/29/17

ISOIN- IFHCS-0.5-3S-L-MTH150 In: Document, to be Reviewed for Installation

Installation Instructions

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

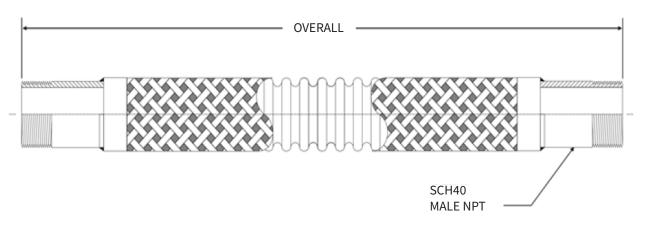
MAXIMUM LATERAL DEFLECTION								
Model	Hose Dia. (in)	Pressure @ 70° F (PSI)	OVERALL Length (L) (in)					
			12 (in)	16 (in)	20 (in)	24 (in)		
IFHCS-0.5S-L-MTH150	1/2	1100	1.00	1.00	1.00	1.00		
IFHCS-0.75S-L-MTH150	3/4	800	1.14	1.50	1.50	1.50		
IFHCS-1S-L-MTH150	1	750	0.84	1.50	1.50	1.50		
IFHCS-S-L-MTH150	1 1/4	725	0.54	1.48	2.00	2.00		
IFHCS-1.5S-L-MTH150	1 1/2	565	0.35	1.11	2.28	3.00		
IFHCS-2S-L-MTH150	2	500	0.32	1.02	2.11	3.00		
IFHCS-2.5S-L-MTH150	2 1/2	400	0.20	0.81	1.80	3.00		
IFHCS-3S-L-MTH150	3	288	0.17	0.66	1.48	2.60		

MATERIALS OF CONSTRUCTION				
HOSE:	316SS Standard Pitch			
BRAID	304SS Single Braid			
END FITTINGS:	Carbon Steel Sch40 Male NPT			
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. IFHCS-2S-L-MTH150 IFHCS-2S-12-MTH150



TEMPERATURE CORRECTION FACTORS					
TEMP °F	FACTOR				
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 $400\,^{\circ}\text{F},$ 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	Can
Customer:	Туре:	35.5
Project:	Qty Required:	Woo L4L
Drawing No:	Operating Weight:	T: 9
Notoce		

anada location

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

USA Location

U.S.A T: 949-788-2930



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

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