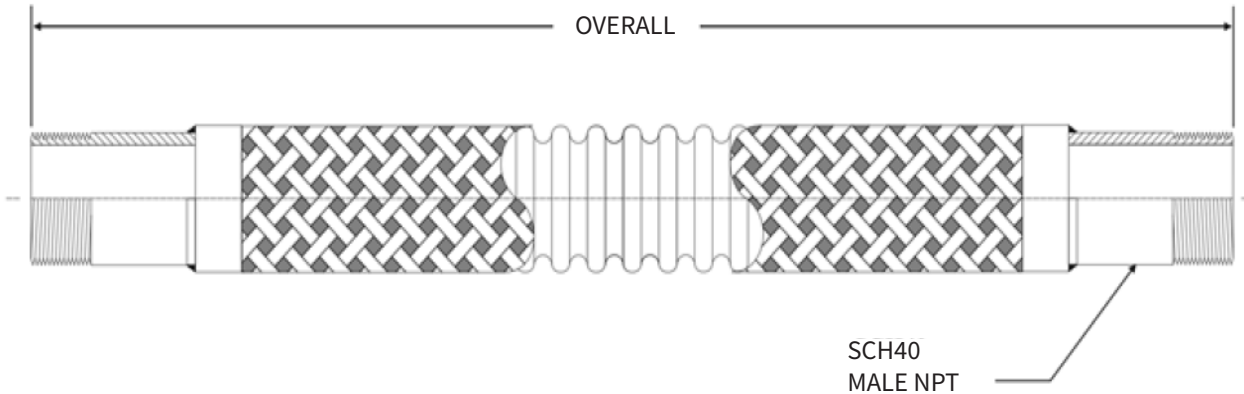


| SPECIFICATIONS : IFHCS - ISOTECH STAINLESS STEEL SINGLE BRAIDED FLEX HOSE WITH CARBON STEEL MALE NPT ENDS | | | | | | |
|--|----------------|------------------------|---------------------------|---------|---------|---------|
| MAXIMUM LATERAL DEFLECTION | | | | | | |
| Model | Hose Dia. (in) | Pressure @ 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 |

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 Silton 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 | |

