

# Flexible Hoses & Couplings - ISO Medium & Thick Wall Stainless Steel Hoses



## SPECIFICATIONS

**Nominal ID sizes:** 2 1/2 to 4 inch

### Materials

Hose: 321 stainless steel  
 Tube ends: 304 stainless steel  
 Flanges: 304 stainless steel  
 (316L available on request)

### Vacuum Range

Metal seal:  $\geq 1 \times 10^{-10}$  Torr - UHV  
 Elastomer seal:  $\geq 1 \times 10^{-8}$  Torr - High vacuum

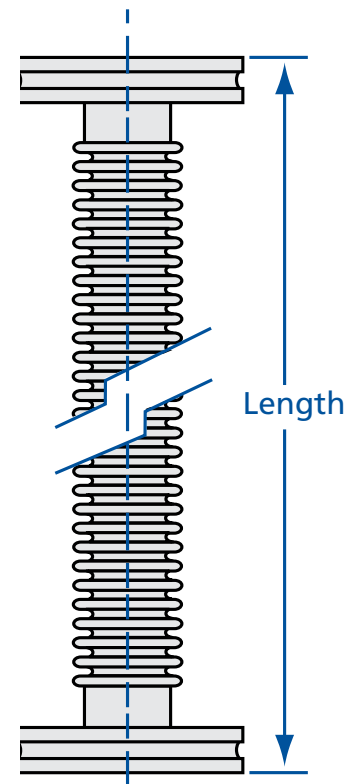
### Temperature Range

Metal seal: -200°C to 450°C  
 Elastomer seal: -20°C to 150°C

**Options:** Protective braided sleeving

## ISO Flexible Stainless Steel Hoses – Medium Wall

MODEL NUMBER	NOMINAL ID	HOSE OD	OVERALL LENGTH	FLANGE TYPE	WALL THICKNESS	STATIC BEND RADIUS
FH-250-10-2ISO	2 1/2	3.34	10	ISO-63	0.016	3.15
FH-250-12-2ISO	2 1/2	3.34	12	ISO-63	0.016	3.15
FH-250-18-2ISO	2 1/2	3.34	18	ISO-63	0.016	3.15
FH-250-20-2ISO	2 1/2	3.34	20	ISO-63	0.016	3.15
FH-250-24-2ISO	2 1/2	3.34	24	ISO-63	0.016	3.15
FH-250-36-2ISO	2 1/2	3.34	36	ISO-63	0.016	3.15
FH-250-40-2ISO	3	3.99	40	ISO-63	0.016	3.15
FH-300-10-2ISO	3	3.99	10	ISO-80	0.016	3.82
FH-300-12-2ISO	3	3.99	12	ISO-80	0.016	3.82
FH-300-18-2ISO	3	3.99	18	ISO-80	0.016	3.82
FH-300-20-2ISO	3	3.99	20	ISO-80	0.016	3.82
FH-300-24-2ISO	3	3.99	24	ISO-80	0.016	3.82
FH-300-36-2ISO	3	3.99	36	ISO-80	0.016	3.82
FH-300-40-2ISO	4	4.83	40	ISO-80	0.016	3.82
FH-400-10-2ISO	4	4.83	10	ISO-100	0.016	4.45
FH-400-12-2ISO	4	4.83	12	ISO-100	0.016	4.45
FH-400-18-2ISO	4	4.83	18	ISO-100	0.016	4.45
FH-400-20-2ISO	4	4.83	20	ISO-100	0.016	4.45
FH-400-24-2ISO	4	4.83	24	ISO-100	0.016	4.45
FH-400-36-2ISO	4	4.83	36	ISO-100	0.016	4.45
FH-400-40-2ISO	4	4.83	40	ISO-100	0.016	4.45



## ISO Flexible Stainless Steel Hoses – Thick Wall

MODEL NUMBER	NOMINAL ID	HOSE OD	OVERALL LENGTH	FLANGE TYPE	WALL THICKNESS	STATIC BEND RADIUS
TH-250-20-2ISO	2 1/2	3.10	20	ISO-63	0.020	8.00
TH-250-40-2ISO	2 1/2	3.10	40	ISO-63	0.020	8.00
TH-300-20-2ISO	3	3.92	20	ISO-80	0.020	9.00
TH-300-40-2ISO	3	3.92	40	ISO-80	0.020	9.00
TH-400-20-2ISO	4	4.82	20	ISO-100	0.020	13.00
TH-400-40-2ISO	4	4.82	40	ISO-100	0.020	13.00

REV 6/16

