

Flexible Hoses & Couplings - NW Thick Wall & Braided Stainless Steel Hoses



NW Flexible Stainless Steel Hoses – Thick Wall

MODEL NUMBER	NOMINAL ID	HOSE OD	OVERALL LENGTH	FLANGE TYPE	WALL THICKNESS	STATIC BEND RADIUS
TH-075-10-2NW	3/4	1.10	10	NW-16	0.017	2.13
TH-075-20-2NW	3/4	1.10	20	NW-16	0.017	2.13
TH-075-40-2NW	3/4	1.10	40	NW-16	0.017	2.13
TH-100-10-2NW	1	1.50	10	NW-25	0.017	2.88
TH-100-20-2NW	1	1.50	20	NW-25	0.017	2.88
TH-100-40-2NW	1	1.50	40	NW-25	0.017	2.88
TH-150-10-2NW	1 1/2	2.10	10	NW-40	0.020	3.50
TH-150-20-2NW	1 1/2	2.10	20	NW-40	0.020	3.50
TH-150-40-2NW	1 1/2	2.10	40	NW-40	0.020	3.50
TH-200-10-2NW	2	2.63	10	NW-50	0.020	5.25
TH-200-20-2NW	2	2.63	20	NW-50	0.020	5.25
TH-200-40-2NW	2	2.63	40	NW-50	0.020	5.25



NW Flexible Stainless Steel Braided Hoses

MODEL NUMBER	NOMINAL ID	HOSE OD	OVERALL LENGTH	FLANGE TYPE	WALL THICKNESS	STATIC BEND RADIUS
FHB-075-12-2NW	3/4	1 1/4	12	NW-16	0.008	2.09
FHB-075-18-2NW	3/4	1 1/4	18	NW-16	0.008	2.09
FHB-075-20-2NW	3/4	1 1/4	20	NW-16	0.008	2.09
FHB-075-24-2NW	3/4	1 1/4	24	NW-16	0.008	2.09
FHB-075-36-2NW	3/4	1 1/4	36	NW-16	0.008	2.09
FHB-075-40-2NW	3/4	1 1/4	40	NW-16	0.008	2.09
FHB-100-12-2NW	1	1 5/8	12	NW-25	0.008	2.52
FHB-100-18-2NW	1	1 5/8	18	NW-25	0.008	2.52
FHB-100-20-2NW	1	1 5/8	20	NW-25	0.008	2.52
FHB-100-24-2NW	1	1 5/8	24	NW-25	0.008	2.52
FHB-100-36-2NW	1	1 5/8	36	NW-25	0.008	2.52
FHB-100-40-2NW	1	1 5/8	40	NW-25	0.008	2.52
FHB-150-12-2NW	1 1/2	2 1/4	12	NW-40	0.010	3.86
FHB-150-18-2NW	1 1/2	2 1/4	18	NW-40	0.010	3.86
FHB-150-20-2NW	1 1/2	2 1/4	20	NW-40	0.010	3.86
FHB-150-24-2NW	1 1/2	2 1/4	24	NW-40	0.010	3.86
FHB-150-36-2NW	1 1/2	2 1/4	36	NW-40	0.010	3.86
FHB-150-40-2NW	1 1/2	2 1/4	40	NW-40	0.010	3.86
FHB-200-12-2NW	2	2 3/4	12	NW-50	0.015	4.72
FHB-200-18-2NW	2	2 3/4	18	NW-50	0.015	4.72
FHB-200-20-2NW	2	2 3/4	20	NW-50	0.015	4.72
FHB-200-24-2NW	2	2 3/4	24	NW-50	0.015	4.72
FHB-200-36-2NW	2	2 3/4	36	NW-50	0.015	4.72
FHB-200-40-2NW	2	2 3/4	40	NW-50	0.015	4.72

SPECIFICATIONS

Nominal ID sizes: 3/4 to 2 inches

Materials

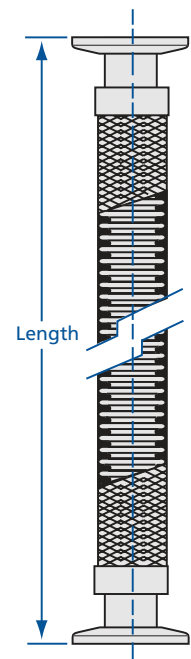
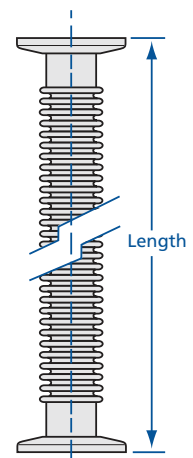
Bellows: 321 stainless steel
 Flanges: 304 stainless steel
 Braiding: protective 304 stainless steel
 (316L available on request)

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



REV 6/16



Flexible Hoses & Couplings - CF Stainless Steel Hoses & Braided Hoses



CF Flexible Stainless Steel Hoses

MODEL NUMBER	NOMINAL ID	HOSE OD	OVERALL LENGTH	FLANGE OD	WALL THICKNESS	STATIC BEND RADIUS
FH-075-12-2CF	3/4	1.11	12	1.33	0.008	1.26
FH-075-18-2CF	3/4	1.11	18	1.33	0.008	1.26
FH-075-24-2CF	3/4	1.11	24	1.33	0.008	1.26
FH-075-36-2CF	3/4	1.11	36	1.33	0.008	1.26
FH-100-12-2CF	1	1.37	12	2.12	0.008	1.46
FH-100-18-2CF	1	1.37	18	2.12	0.008	1.46
FH-100-24-2CF	1	1.37	24	2.12	0.008	1.46
FH-100-36-2CF	1	1.37	36	2.12	0.008	1.46
FH-150-12-2CF	1-1/2	2.06	12	2.75	0.010	2.16
FH-150-18-2CF	1-1/2	2.06	18	2.75	0.010	2.16
FH-150-24-2CF	1-1/2	2.06	24	2.75	0.010	2.16
FH-150-36-2CF	1-1/2	2.06	36	2.75	0.010	2.16
FH-200-12-2CF	2	2.55	12	3.38	0.015	3.50
FH-200-18-2CF	2	2.55	18	3.38	0.015	3.50
FH-200-24-2CF	2	2.55	24	3.38	0.015	3.50
FH-200-36-2CF	2	2.55	36	3.38	0.015	3.50
FH-250-12-2CF	2-1/2	3.34	12	4.50	0.016	4.25
FH-250-18-2CF	2-1/2	3.34	18	4.50	0.016	4.25
FH-250-24-2CF	2-1/2	3.34	24	4.50	0.016	4.25
FH-250-36-2CF	2-1/2	3.34	36	4.50	0.016	4.25
FH-300-12-2CF	3	3.99	12	4.62	0.016	6.00
FH-300-18-2CF	3	3.99	18	4.62	0.016	6.00
FH-300-24-2CF	3	3.99	24	4.62	0.016	6.00
FH-300-36-2CF	3	3.99	36	4.62	0.016	6.00
FH-400-12-2CF	4	4.83	12	6.00	0.016	8.60
FH-400-18-2CF	4	4.83	18	6.00	0.016	8.60
FH-400-24-2CF	4	4.83	24	6.00	0.016	8.60
FH-400-36-2CF	4	4.83	36	6.00	0.016	8.60

CF Flexible Stainless Steel Braided Hoses

MODEL NUMBER	NOMINAL ID	HOSE OD	OVERALL LENGTH	FLANGE OD	WALL THICKNESS	STATIC BEND RADIUS
FHB-075-12-2CF	3/4	1 1/4	12	1.33	0.008	2.09
FHB-075-18-2CF	3/4	1 1/4	18	1.33	0.008	2.09
FHB-075-24-2CF	3/4	1 1/4	24	1.33	0.008	2.09
FHB-075-36-2CF	3/4	1 1/4	36	1.33	0.008	2.09
FHB-100-12-2CF	1	1 5/8	12	2.12	0.008	2.52
FHB-100-18-2CF	1	1 5/8	18	2.12	0.008	2.52
FHB-100-24-2CF	1	1 5/8	24	2.12	0.008	2.52
FHB-100-36-2CF	1	1 5/8	36	2.12	0.008	2.52
FHB-150-12-2CF	1 1/2	2 1/4	12	2.75	0.010	3.86
FHB-150-18-2CF	1 1/2	2 1/4	18	2.75	0.010	3.86
FHB-150-24-2CF	1 1/2	2 1/4	24	2.75	0.010	3.86
FHB-150-36-2CF	1 1/2	2 1/4	36	2.75	0.010	3.86
FHB-200-12-2CF	2	2 3/4	12	3.38	0.015	4.72
FHB-200-18-2CF	2	2 3/4	18	3.38	0.015	4.72
FHB-200-24-2CF	2	2 3/4	24	3.38	0.015	4.72
FHB-200-36-2CF	2	2 3/4	36	3.38	0.015	4.72

SPECIFICATIONS

Nominal ID sizes: 3/4 to 4 inch

Materials

Bellows: 321 stainless steel
 Tube ends: 304 stainless steel
 Flanges: 304 stainless steel
 Braiding: protective 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

