

# Flexible Hoses & Couplings - Medium Wall

## Stainless Steel NW Hoses & NW/CF Adapter Hoses



### SPECIFICATIONS

**Nominal ID sizes:**  $\frac{3}{4}$  to 2 inches

#### Materials

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

#### Vacuum Range

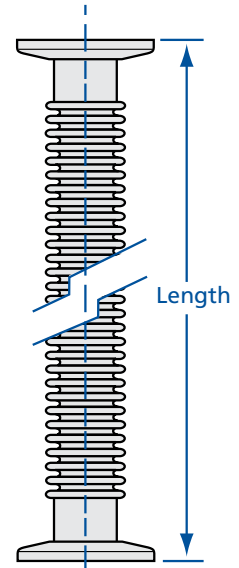
Metal seal:  $\geq 1 \times 10^{-10}$  Torr - UHV  
Elastomer seal:  $\geq 1 \times 10^{-8}$  Torr - High vacuum

#### Temperature Range

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

### NW Flexible Stainless Steel Hoses – Medium Wall

MODEL NUMBER	FLANGE TYPE	NOMINAL ID	HOSE OD	OVERALL LENGTH	WALL THICKNESS	STATIC BEND RADIUS
FH-075-10-2NW	NW-16	$\frac{3}{4}$	1.11	10	0.008	1.26
FH-075-12-2NW	NW-16	$\frac{3}{4}$	1.11	12	0.008	1.26
FH-075-18-2NW	NW-16	$\frac{3}{4}$	1.11	18	0.008	1.26
FH-075-20-2NW	NW-16	$\frac{3}{4}$	1.11	20	0.008	1.26
FH-075-24-2NW	NW-16	$\frac{3}{4}$	1.11	24	0.008	1.26
FH-075-36-2NW	NW-16	$\frac{3}{4}$	1.11	36	0.008	1.26
FH-075-40-2NW	NW-16	$\frac{3}{4}$	1.11	40	0.008	1.26
FH-100-10-2NW	NW-25	1	1.37	10	0.008	1.46
FH-100-12-2NW	NW-25	1	1.37	12	0.008	1.46
FH-100-18-2NW	NW-25	1	1.37	18	0.008	1.46
FH-100-20-2NW	NW-25	1	1.37	20	0.008	1.46
FH-100-24-2NW	NW-25	1	1.37	24	0.008	1.46
FH-100-36-2NW	NW-25	1	1.37	36	0.008	1.46
FH-100-40-2NW	NW-25	1	1.37	40	0.008	1.46
FH-150-10-2NW	NW-40	$1\frac{1}{2}$	2.06	10	0.010	2.16
FH-150-12-2NW	NW-40	$1\frac{1}{2}$	2.06	12	0.010	2.16
FH-150-18-2NW	NW-40	$1\frac{1}{2}$	2.06	18	0.010	2.16
FH-150-20-2NW	NW-40	$1\frac{1}{2}$	2.06	20	0.010	2.16
FH-150-24-2NW	NW-40	$1\frac{1}{2}$	2.06	24	0.010	2.16
FH-150-36-2NW	NW-40	$1\frac{1}{2}$	2.06	36	0.010	2.16
FH-150-40-2NW	NW-40	$1\frac{1}{2}$	2.06	40	0.010	2.16
FH-200-10-2NW	NW-50	2	2.55	10	0.015	3.50
FH-200-12-2NW	NW-50	2	2.55	12	0.015	3.50
FH-200-18-2NW	NW-50	2	2.55	18	0.015	3.50
FH-200-20-2NW	NW-50	2	2.55	20	0.015	3.50
FH-200-24-2NW	NW-50	2	2.55	24	0.015	3.50
FH-200-36-2NW	NW-50	2	2.55	36	0.015	3.50
FH-200-40-2NW	NW-50	2	2.55	40	0.015	3.50



### NW/CF Flexible Stainless Steel Adapter Hoses – Medium Wall

MODEL NUMBER	NOMINAL ID	HOSE OD	OVERALL LENGTH	FLANGE 1 TYPE	FLANGE 2 TYPE	WALL THICKNESS	STATIC BEND RADIUS
FH-075-12-NW-CF	$\frac{3}{4}$	1.11	12	NW-16	CF-1.33	0.008	1.26
FH-075-18-NW-CF	$\frac{3}{4}$	1.11	18	NW-16	CF-1.33	0.008	1.26
FH-075-24-NW-CF	$\frac{3}{4}$	1.11	24	NW-16	CF-1.33	0.008	1.26
FH-075-36-NW-CF	$\frac{3}{4}$	1.11	36	NW-16	CF-1.33	0.008	1.26
FH-150-12-NW-CF	$1\frac{1}{2}$	2.06	12	NW-40	CF-2.75	0.010	2.16
FH-150-18-NW-CF	$1\frac{1}{2}$	2.06	18	NW-40	CF-2.75	0.010	2.16
FH-150-24-NW-CF	$1\frac{1}{2}$	2.06	24	NW-40	CF-2.75	0.010	2.16
FH-150-36-NW-CF	$1\frac{1}{2}$	2.06	36	NW-40	CF-2.75	0.010	2.16

