

Flexible Hoses & Couplings - NW

Couplings & Thin Wall Stainless Steel Hoses



SPECIFICATIONS

Nominal ID sizes: $\frac{3}{8}$ to 2 inches

Materials

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

Vacuum Range

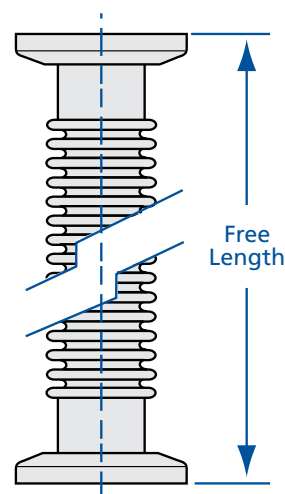
Metal seal: $\geq 1 \times 10^{-10}$ Torr - UHV
Elastomer seal: $\geq 1 \times 10^{-8}$ Torr - High vacuum

Temperature Range

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

NW Flexible Couplings

MODEL NUMBER	FLANGE TYPE	BELLOWS ID	WALL THICKNESS	FREE LENGTH	SPRING RATE	COMPRESSED LENGTH
2FC-NW-10-1	NW-10	$\frac{3}{8}$	0.006	3.20	35	3.0
2FC-NW-10-2	NW-10	$\frac{3}{8}$	0.006	4.20	28	3.8
2FC-NW-10-3	NW-10	$\frac{3}{8}$	0.006	5.20	22	4.6
2FC-NW-16-1	NW-16	$\frac{1}{2}$	0.006	3.20	61	3.0
2FC-NW-16-2	NW-16	$\frac{1}{2}$	0.006	4.20	49	3.8
2FC-NW-16-3	NW-16	$\frac{1}{2}$	0.006	5.20	38	4.6
2FC-NW-25-1	NW-25	$\frac{3}{4}$	0.006	3.20	45	3.0
2FC-NW-25-2	NW-25	$\frac{3}{4}$	0.006	4.20	36	3.8
2FC-NW-25-3	NW-25	$\frac{3}{4}$	0.006	5.20	28	4.6
2FC-NW-40-1	NW-40	$1\frac{1}{2}$	0.006	3.20	85	3.0
2FC-NW-40-2	NW-40	$1\frac{1}{2}$	0.006	4.20	69	3.8
2FC-NW-40-3	NW-40	$1\frac{1}{2}$	0.006	5.20	53	4.6
2FC-NW-40-6	NW-40	$1\frac{1}{2}$	0.006	8.20	28	7.0
2FC-NW-50-1	NW-50	$1\frac{3}{4}$	0.006	3.20	62	3.0
2FC-NW-50-2	NW-50	$1\frac{3}{4}$	0.006	4.20	50	3.8
2FC-NW-50-3	NW-50	$1\frac{3}{4}$	0.006	5.20	38	4.6



NW Flexible Stainless Steel Hoses – Thin Wall

MODEL NUMBER	FLANGE TYPE	NOMINAL ID	HOSE OD	OVERALL LENGTH	WALL THICKNESS	STATIC BEND RADIUS
LH-075-10-2NW	NW-16	$\frac{3}{4}$	1.02	10	0.006	3.0
LH-075-12-2NW	NW-16	$\frac{3}{4}$	1.02	12	0.006	3.0
LH-075-18-2NW	NW-16	$\frac{3}{4}$	1.02	18	0.006	3.0
LH-075-24-2NW	NW-16	$\frac{3}{4}$	1.02	24	0.006	3.0
LH-075-36-2NW	NW-16	$\frac{3}{4}$	1.02	36	0.006	3.0
LH-100-10-2NW	NW-25	1	1.37	10	0.006	4.0
LH-100-12-2NW	NW-25	1	1.37	12	0.006	4.0
LH-100-18-2NW	NW-25	1	1.37	18	0.006	4.0
LH-100-24-2NW	NW-25	1	1.37	24	0.006	4.0
LH-100-36-2NW	NW-25	1	1.37	36	0.006	4.0
LH-150-10-2NW	NW-40	$1\frac{1}{2}$	1.91	10	0.006	6.0
LH-150-12-2NW	NW-40	$1\frac{1}{2}$	1.91	12	0.006	6.0
LH-150-18-2NW	NW-40	$1\frac{1}{2}$	1.91	18	0.006	6.0
LH-150-24-2NW	NW-40	$1\frac{1}{2}$	1.91	24	0.006	6.0
LH-150-36-2NW	NW-40	$1\frac{1}{2}$	1.91	36	0.006	6.0
LH-200-10-2NW	NW-50	2	2.45	10	0.006	7.5
LH-200-12-2NW	NW-50	2	2.45	12	0.006	7.5
LH-200-18-2NW	NW-50	2	2.45	18	0.006	7.5
LH-200-24-2NW	NW-50	2	2.45	24	0.006	7.5
LH-200-36-2NW	NW-50	2	2.45	36	0.006	7.5



REV 6/16