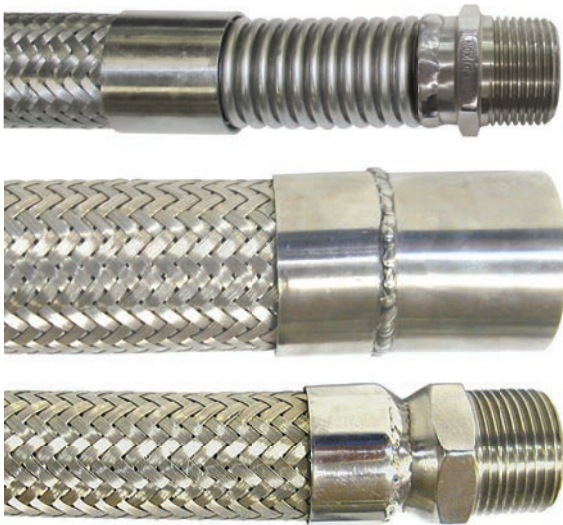


Metallic Hose



Technical Characteristics	
Application	Versatile robust hose suited to high pressure, high temperature and corrosive applications, flexible metal hoses can accommodate angular movements, temperature expansion, vibration and misalignment. Dixon offers a variety of metallic hose options suited to individual applications including steam, compressed air, petrochemical and vacuum
Description	Corrugated flexible metal hose assembly meeting the requirements of class 1 of the EN ISO 10380 standard
Hose Material	AISI 316L or AISI 321 stainless steel & exotics
Braid Material	AISI 304
Bore Size Range	6mm to 300mm
Temperature Range	-200°C to 650°C
Available Options	<ul style="list-style-type: none"> • Convoluted Core Only • Single, Double or Triple Braid • HP & THP High Pressure • A range of standard and close pitch constructions • Radiograph, NDT or Dyepen

Adflex Commercial Grade Metallic Hose						
Nominal I.D	Maximum O.D (mm)		Dynamic Bend Radius (mm)	Static Bend Radius (mm)	Max Working Pressure (Bar)	
	Without Braid	With Braid			No Braid	Single Braid
DN 6	12.2	13.4	100	25	4	100
DN 10	15.8	17.0	150	40	4	90
DN 12	17.5	18.7	200	50	3	80
DN 15	22	23.2	200	50	2	64
DN 20	26.3	27.5	200	70	2	64
DN 25	33.8	35.3	200	90	2.0	50
DN 32	42	43.6	250	110	1.5	40
DN 40	51.6	53.2	250	130	1.5	30
DN 50	61.7	63.3	350	175	1.0	28
DN 65	77	79.0	410	200	1.0	24
DN 80	91	93.0	450	205	1.0	18
DN 100	117.5	119.5	560	230	0.8	16
DN 125	149	151	660	280	0.6	12
DN 150	178	180	815	320	0.6	10
DN 200	228	230.4	1015	435	0.5	8
DN 250	278	280.4	1220	560	0.5	6
DN 300	333	335.8	1420	660	0.3	5
DN 300	336	339	1525	725	0.1	6

Note: Dimension tolerances meeting the requirements of class 1 of the EN ISO 10380 standard applies. De-rating factors will apply for elevated temperature applications, refer to the technical section or call Dixon for further information.

All Hose Assemblies compliant with Pressure Equipment Directive 2014/68/EU

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Metallic Hose (continued)

Suparflex Standard Pitch Metallic Hose												
Nominal I.D	Maximum O.D (mm)			Dynamic Bend Radius (mm)			Static Bend Radius (mm)			Max Working Pressure (Bar)		
	Single Braid	Double Braid	Triple Braid	Single Braid	Double Braid	Triple Braid	Single Braid	Double Braid	Triple Braid	Single Braid	Double Braid	Triple Braid
DN 6	9.8	11.4	13	-	110	140	10	23	25	>72	560	580
DN 8	13.6	15.2	16.8	-	130	130	14	28	32	>56	460	484
DN 10	16.2	17.8	19.4	-	150	150	16	32	38	>40	400	420
DN 12	18.6	17.8	19.4	-	165	165	24	39	45	>48	320	388
DN 15	22.5	24.1	25.7	-	195	195	29	50	58	>30	252	307
DN 20	28.3	29.9	31.5	-	225	225	35	60	70	>18	200	272
DN 25	34.8	36.4	38	-	260	260	42	73	85	>12	160	220
DN 32	43.3	45.4	47.4	-	300	300	51	90	105	>14	160	220
DN 40	52.4	54.4	56.4	-	340	340	61	115	130	>9	128	176
DN 50	64.8	67.3	69.8	-	390	390	73	140	160	>9	128	180
DN 65	80.9	83.4	85.9	-	460	460	89	175	200	>6	100	152
DN 80	99.6	102.6	105.6	-	660	660	108	240	240	>6	92	152
DN 100	126.5	129.5	132.5	-	750	750	126	290	290	>2	60	100
DN 125	152	155	-	-	1000	-	147	340	-	>2	52	-
DN 150	174	177	-	-	1250	-	169	390	-	>25	44	-

Note: Dimension tolerances meeting the requirements of class 1 of the EN ISO 10380 standard applies. De-rating factors will apply for elevated temperature applications, refer to the technical section or call Dixon for further information.

Hyparflex Close Pitch Metallic Hose												
Nominal I.D	Maximum O.D (mm)			Dynamic Bend Radius (mm)			Static Bend Radius (mm)			Max Working Pressure (Bar)		
	Single Braid	Double Braid	Triple Braid	Single Braid	Double Braid	Triple Braid	Single Braid	Double Braid	Triple Braid	Single Braid	Double Braid	Triple Braid
DN 6	9.8	11.4	13	-	110	140	9	20	25	>72	600	700
DN 8	13.6	15.2	16.8	-	130	130	12	20	32	>36	460	632
DN 10	16.2	17.8	19.4	-	150	150	14	20	38	>24	460	540
DN 12	18.6	20.2	21.8	-	124	124	21	25	45	>24	320	500
DN 15	22.5	24.1	25.7	-	164	164	26	32	58	>12	252	388
DN 20	28.3	29.9	31.5	-	169	169	32	38	70	>9	220	308
DN 25	34.8	36.4	38	-	195	195	37	45	85	>8	160	248
DN 32	43.4	45.4	47.4	-	225	225	46	58	105	>7	160	232
DN 40	52.4	54.4	56.4	-	255	255	55	70	113	>5	128	176
DN 50	64.8	67.3	69.8	-	293	293	65	85	136	>4	128	188
DN 65	80.9	83.4	85.9	-	345	345	80	105	171	>2	100	164
DN 80	99.6	102.6	105.6	-	495	495	97	180	224	>3	92	160
DN 100	126.5	129.5	132.5	-	563	563	113	218	276	>2	60	108
DN 125	152	155	-	-	1000	-	132	255	-	>1	52	-
DN 150	174	177	-	-	1250	-	152	290	-	>1	44	-

Note: Dimension tolerances meeting the requirements of class 1 of the EN ISO 10380 standard applies. De-rating factors will apply for elevated temperature applications, refer to the technical section or call Dixon for further information.

All Hose Assemblies compliant with Pressure Equipment Directive 2014/68/EU

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HP/THP High Pressure Metallic Hose						
Nominal I.D	Maximum O.d (Mm)		Dynamic Bend Radius (mm)	Static Bend Radius (mm)	Max Working Pressure (Bar)	
	Single Braid	Double Braid			Single Braid	Double Braid
DN 6	11.4	13	110	25	180	255
DN 10	17.8	19.4	150	38	145	195
DN 12	20.2	21.8	165	45	140	185
DN 20	29.1	30.7	225	70	85	125
DN 25	38	40	215/ 260	85	78	124
DN 32	46.5	49	300	105	65	115
DN 40	54.9	57.4	280/ 340	130	61	90
DN 50	67.3	69.8	390	160	55	78
DN 65	83.9	86.9	460	200	52	75
DN 80	99	102	660	240	25	50
DN 100	129.5	132.5	750	290	24	45
DN 125	155	158	1000	350	20	38
DN 150	185	188	1250/ 1550	400	27	34
DN 200	246	253.5	1600/ 2000	520	27	30

Note: Dimension tolerances meeting the requirements of class 1 of the EN ISO 10380 standard applies. De-rating factors will apply for elevated temperature applications, refer to the technical section or call Dixon for further information.

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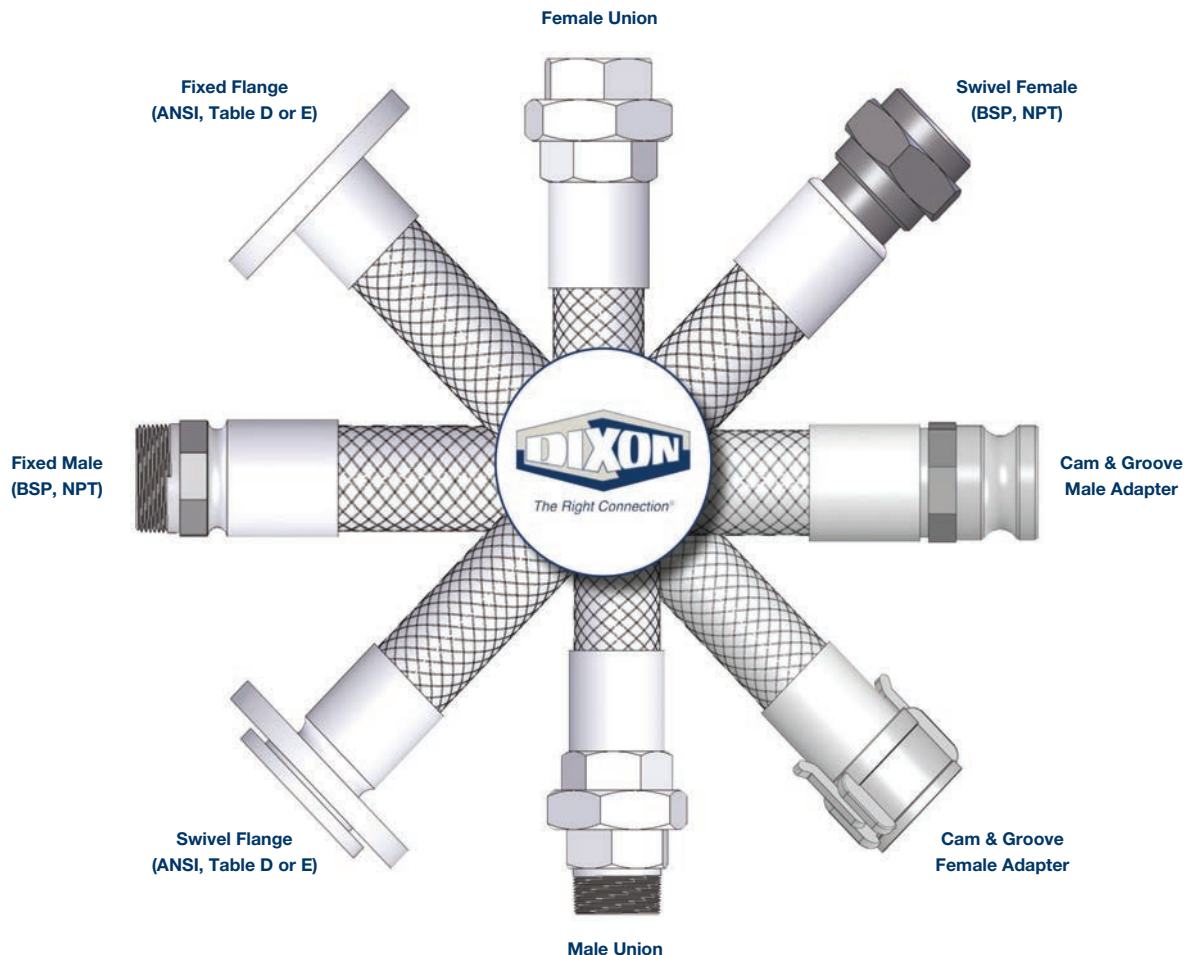


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Metallic & PTFE Assemblies – Standard End Configurations

Metallic and PTFE hose assemblies are available in a wide variety of end configurations in common materials including stainless steel, aluminium and mild steel.



Hoses Assemblies manufactured as an assembly to customer specification. Larger sizes available on request. All hoses are tested 150 p.s.i air under water and can be supplied with a wide range of certification if required.

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