

Available in 304, 304L, 321 & 316L Stainless Steel

Shipped in lengths or Braided Hose-On-Reels for easy Fabrication

## ISO 10380 QUALIFIED

### Mechanical Formed Hoses

#### Series A100 - Annular, Stainless Steel & Standard Pitch Hose

Nominal Hose Size (in.)	Aeroflex Part Number	Braid Layers	Nominal Outside Diameter	Nominal Inside Diameter	Minimum Centerline Bend Radius (mm)		Pressure Rating at 23 °C (kg/cm <sup>2</sup> )			Weight (kg/mtr.)	Typical Length mtrs
					Static	Dynamic	Max Working	Max Test	Nominal Burst		
1/4"	A10016006	0	9.6				12	18	140	0.076	50
	A100161401006	1	10.8	6.2	25	85	120	180	480	0.150	
	A100162401006	2	12.0				192	288	768	0.240	
5/16"	A10016008	0	12.1				10	15	120	0.087	50
	A100161401008	1	13.3	8.2	32	125	100	150	400	0.167	
	A100162401008	2	14.5				160	240	640	0.260	
3/8"	A10016010	0	14.3				9	14	100	0.112	50
	A100161401010	1	15.5	10.3	38	140	90	135	360	0.215	
	A100162401010	2	16.7				144	216	576	0.333	
1/2"	A10016012	0	16.7				9	14	90	0.118	50
	A100161401012	1	17.9	12.2	45	140	80	128	320	0.240	
	A100162401012	2	19.1				128	192	512	0.379	
5/8"	A10016016	0	21.6				8	12	85	0.195	50
	A100161401016	1	23.0	16.2	58	160	70	105	280	0.400	
	A100162401016	2	24.4				112	168	448	0.630	
3/4"	A10016020	0	26.8				4	6	65	0.250	50
	A100161401020	1	28.3	20.2	70	170	64	96	256	0.495	
	A100162401020	2	29.8				102	154	410	0.765	
1"	A10016025	0	32.2				3	5	55	0.355	50
	A100161401025	1	33.7	25.4	85	190	50	75	200	0.630	
	A100162401025	2	35.2				80	120	320	0.930	
1 1/4"	A10016032	0	41.1				2	3	50	0.445	50
	A100161401032	1	42.7	34.3	105	260	40	60	160	0.847	
	A100162401032	2	44.3				64	96	256	1.281	
1 1/2"	A10016040	0	49.5				1	2	45	0.682	50
	A100161401040	1	51.1	40.1	130	300	35	53	140	1.172	
	A100162401040	2	52.7				56	84	224	1.694	
2"	A10016050	0	60.3				1	2	45	0.880	50
	A100161401050	1	62.3	50.3	160	320	30	45	120	1.606	
	A100162401050	2	64.3				48	72	192	2.383	

## Hose-On-Reel

The working Pressure with Single / Double wire Braid is based on Braiding specification of Series 1101

### Advantages of reeling

- \*Braided Hose-On-Reel is segmented into a continuous length to reduce scrap
- \* Convenient handling, storage and Inventory Control
- \* Reduces shelf space

Series A 100 Braided Annular Hose-on-Reel & Single Braid			
Nominal Hose Size (In)	Reel Qty mtrs	Reel dia mm	Reel width mm
1/4"	500	600	500
5/16"	500	600	500
3/8"	500	700	700
1/2"	500	700	700
5/8"	350	700	700
3/4"	450	1050	700
1"	400	1050	700
1 1/4"	200	1050	700
1 1/2"	150	1050	700
2"	100	1050	700

ISO 9001:2008

