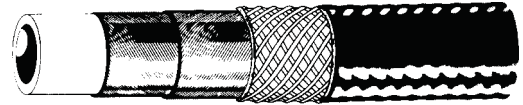


## 2390N-04 **polyflex** Hose



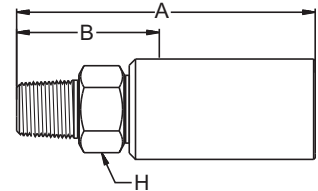
Part Number	Jacket Color	Minimum I.D.		Maximum O.D.		Working Pressure with 2.5:1 Safety Factor		Working Pressure with 4:1 Safety Factor		Minimum Burst Pressure		Minimum Bend Radius		Weight	
		inch	mm	inch	mm	psi	MPa	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m
#															
2390N-04V10	Black	0.25	6	0.52	13	12,000	82.8	7,500	51.7	30,000	206.9	3.00	76	0.18	0.27
2390N-04V12	Blue	0.25	6	0.52	13	12,000	82.8	7,500	51.7	30,000	206.9	3.00	76	0.18	0.27
2390N-04V16	Yellow	0.25	6	0.52	13	12,000	82.8	7,500	51.7	30,000	206.9	3.00	76	0.18	0.27

**Construction:** Polyamide core tube, high tensile strength wire reinforced and a polyurethane cover.

**Temperature Range:** -40°F and +140°F (-40°C and +60°C). Contact **polyflex** for temperatures outside this range.

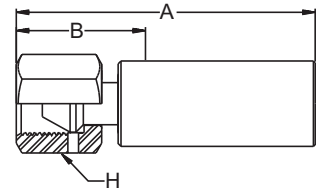
**Typical Applications:** Small diameter, low volumetric expansion hose with sea-water resistant cover. Ideal for pressure testing, portable hydraulic tools and for offshore hydraulic systems.

## National Pipe Tapered (NPT) Male Fitting 01



Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
1018X-6-4	3/8" NPT	2.72	69	1.47	37	0.75	19	12,000	82.8
6018X-4-4	1/4" NPT	2.62	67	1.37	35	0.63	16	12,000	82.8
6019X-4-4C	1/4" NPT	2.38	60	1.12	28	0.63	16	12,000	82.8

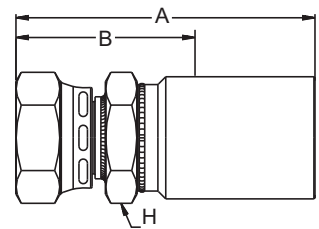
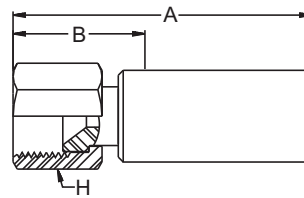
## Type "M" Female Swivel Fitting AY



Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6AY8X-6-4	9/16" - 18	2.54	65	1.30	33	0.75	19	12,000	82.8
6AY9X-6-4C	9/16" - 18	2.36	60	1.10	28	0.68	17	12,000	82.8

**B**

## JIC Female Swivel Fitting 06

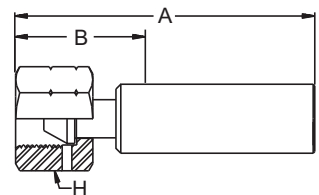


SubSea™ Fitting

Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6069X-4-4C	7/16" - 20	2.24	57	0.98	25	0.63	16	10,000	69.0
6069X-6-4C	9/16" - 18	2.36	60	1.10	28	0.68	17	10,000	69.0
E206JCC3 *	7/16" - 20	2.12	54	1.20	30	0.63	16	10,000	69.0
E206JEC3 *	9/16" - 18	2.20	56	1.12	28	0.75	19	10,000	69.0

\*SubSea™ fitting — specially manufactured for deepwater drilling applications.

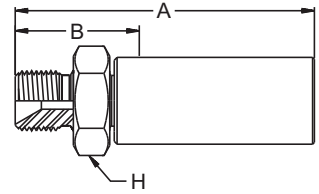
## BSP Female Swivel Fitting 92



Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
1928X-4-4	1/4" BSPP	2.51	64	1.27	32	0.75	19	12,000	82.8

# BSP Male Fitting

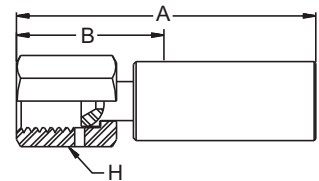
D9



Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
1D98X-4-4	1/4" BSPP	2.65	67	1.39	35	0.75	19	12,000	82.8

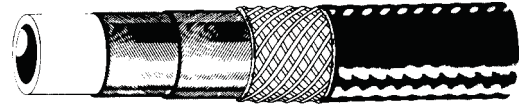
# Medium Pressure Female Swivel Fitting

5Y



Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
65Y8X-6-4	9/16" - 18	2.78	71	1.55	39	0.75	19	12,000	82.8
65YLX-6-4C	9/16" - 18	2.84	72	1.54	39	0.75	19	12,000	82.8

## 2390N-06 **polyflex** Hose



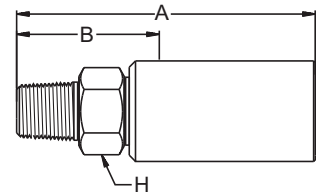
Part Number	Jacket Color	Minimum I.D.		Maximum O.D.		Maximum Working Pressure with		Maximum Working Pressure with		Minimum Burst Pressure		Minimum Bend Radius		Weight	
		inch	mm	inch	mm	psi	MPa	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m
#															
2390N-06V13	Green	0.40	10	0.70	18	10,300	71.0	6,450	44.5	25,810	178.0	3.00	76	0.28	0.42

**Construction:** Polyamide core tube, high tensile strength wire reinforced and a polyurethane cover.

**Temperature Range:** -40°F and +140°F (-40°C and +60°C). Contact **polyflex** for temperatures outside this range.

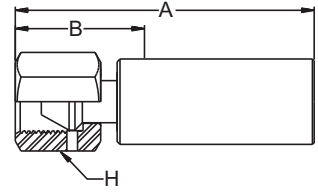
**Typical Applications:** Low volumetric expansion hose for use with petroleum or synthetic hydraulic fluids, and in long lengths for waterblasting, pipe cleaning and line moleing applications.




## National Pipe Tapered (NPT) Male Fitting 01



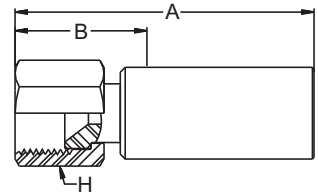
Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6019X-6-6	3/8" NPT	2.95	75	1.35	34	0.75	19	10,300	71.0
6019X-6-6C	3/8" NPT	2.95	75	1.35	34	0.75	19	10,300	71.0
6019X-8-6	1/2" NPT	3.16	80	1.56	40	0.87	22	10,300	71.0
6019X-8-6C	1/2" NPT	3.16	80	1.56	40	0.87	22	10,300	71.0

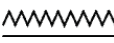


## Type "M" Female Swivel Fitting AY



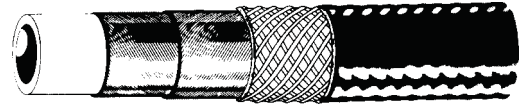
Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6AY9X-8-6C	3/4" - 16	2.79	71	1.19	30	1.00	25	10,300	71.0

## JIC Female Swivel Fitting 06



Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6069X-8-6C	3/4" - 16	2.79	71	1.19	30	1.00	25	10,000	69.0

## 2390N-08 **polyflex** Hose



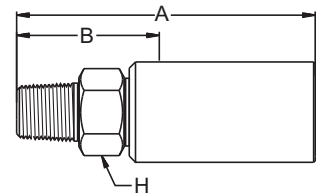
Part Number	Jacket Color	Minimum I.D.		Maximum O.D.		Maximum Working Pressure with 2.5:1		Maximum Working Pressure with 4:1		Minimum Burst Pressure		Minimum Bend Radius		Weight	
		inch	mm	inch	mm	psi	MPa	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m
#															
2390N-08V12	Blue	0.50	13	0.81	21	10,400	71.7	6,500	44.8	26,000	179.3	4.00	102	0.38	0.57
2390N-08V13	Green	0.50	13	0.81	21	10,400	71.7	6,500	44.8	26,000	179.3	4.00	102	0.38	0.57
2390N-08V16	Yellow	0.50	13	0.81	21	10,400	71.7	6,500	44.8	26,000	179.3	4.00	102	0.38	0.57

**Construction:** Polyamide core tube, high strength wire reinforced and a polyurethane outer cover.

**Temperature Range:** -40°F and +140°F (-40°C and +60°C). Contact **polyflex** for temperatures outside this range.

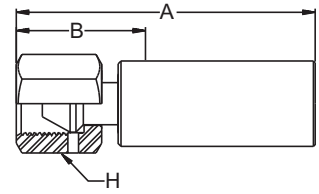
**Typical Applications:** Low volumetric expansion hose with sea-water resistant cover. Used in subsea hydraulic B.O.P. control systems, and in long lengths for pipe cleaning applications.




## National Pipe Tapered (NPT) Male Fitting 01



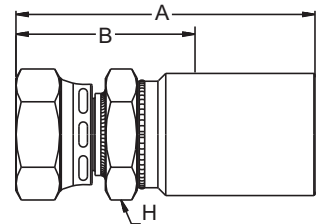
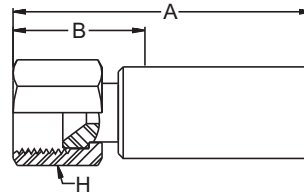
Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6019X-8-8	1/2" NPT	3.35	85	1.43	36	0.87	22	10,400	71.7
6019X-8-8C	1/2" NPT	3.37	86	1.68	43	1.00	25	10,400	71.7

# Type "M" Female Swivel Fitting AY

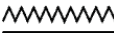




Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6AY9X-11-8C	1" - 12	3.20	81	1.50	38	1.25	32	10,400	71.7

# JIC Female Swivel Fitting 06

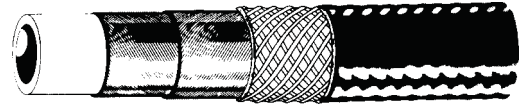


\*SubSea Fitting

Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6069X-8-8C	3/4" - 16	3.00	76	1.30	33	0.87	22	10,000	69.0
E213JFC4 *	3/4" - 16	3.35	85	1.61	41	0.94	24	10,000	69.0

\*SubSea Fitting

## 2390N-12 **polyflex** Hose



Part Number	Jacket Color	Minimum I.D.		Maximum O.D.		Maximum Working Pressure with 2.5:1		Maximum Working Pressure with 4:1		Minimum Burst Pressure		Minimum Bend Radius		Weight	
		inch	mm	inch	mm	psi	MPa	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m
#															
2390N-12V03	Green	0.81	21	1.14	29	8,100	55.9	5,575	38.4	22,300	153.8	6.00	152	0.63	0.94

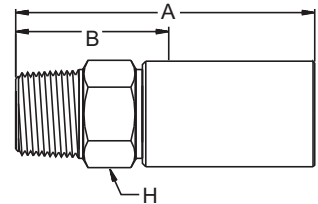
**B**

**Construction:** Polyamide core tube, high strength wire reinforced and a polyurethane outer cover.

**Temperature Range:** -40°F and +140°F (-40°C and +60°C). Contact **polyflex** for temperatures outside this range.

**Typical Applications:** Flexible, kink-resistant construction suitable for chemical fluids and operations of hydraulic tools and equipment.

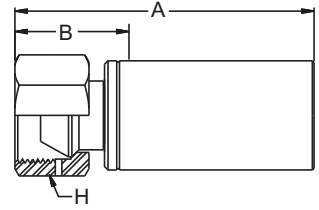
## National Pipe Tapered (NPT) Male Fitting 01






Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6019X-12-12	3/4" NPT	3.88	99	1.58	40	1.07	27	8,100	55.9
1019X-16-12	1" NPT	4.10	104	1.78	45	1.42	36	8,100	55.9
601LX-12-12C	3/4" NPT	4.75	121	2.10	53	1.38	35	8,100	55.9
601LX-16-12C	1" NPT	4.90	124	2.25	57	1.38	35	8,100	55.9

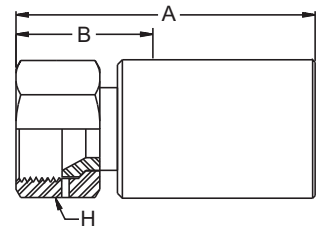





# Type "M" Female Swivel Fitting AY



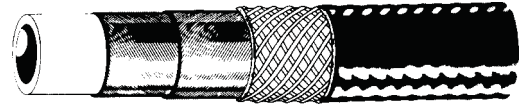
Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6AYLX-16-12C	1-5/16" - 12	4.15	105	1.52	39	1.50	38	8,100	55.9

# JIC Female Swivel Fitting 06



Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
1069X-12-12	1-1/16" - 12	4.00	102	1.69	43	1.42	36	8,100	55.9
1069X-16-12	1-5/16" - 12	3.93	100	1.57	40	1.62	41	8,100	55.9
606LX-16-12C	1-5/16" - 12	4.29	109	1.68	43	1.50	38	8,100	55.9

## 2390N-16 **polyflex** Hose



Part Number	Jacket Color	Minimum I.D.		Maximum O.D.		Maximum Working Pressure with 2.5:1		Maximum Working Pressure with 4:1		Minimum Burst Pressure		Minimum Bend Radius		Weight	
		inch	mm	inch	mm	psi	MPa	psi	MPa	psi	MPa	inch	mm	lbs/ft	kg/m
#															
2390N-16V12	Blue	1.00	25	1.37	35	6,500	44.8	4,100	28.3	16,420	113.2	8.00	203	0.84	1.25
2390N-16V13	Green	1.00	25	1.37	35	6,500	44.8	4,100	28.3	16,420	113.2	8.00	203	0.84	1.25
2390N-16V16	Yellow	1.00	25	1.37	35	6,500	44.8	4,100	28.3	16,420	113.2	8.00	203	0.84	1.25

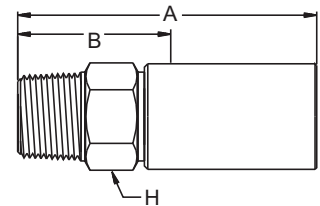
**B**

**Construction:** Polyamide core tube, high strength wire reinforced and a polyurethane outer cover.

**Temperature Range:** -40°F and +140°F (-40°C and +60°C). Contact **polyflex** for temperatures outside this range.

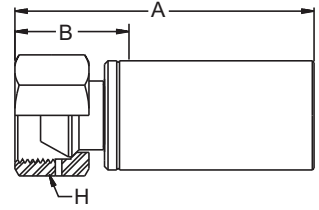
**Typical Applications:** Low volumetric expansion hose with sea-water resistant cover. Used for subsea hydraulic controls, and as long single length hot-line hose for B.O.P. systems.

## National Pipe Tapered (NPT) Male Fitting 01



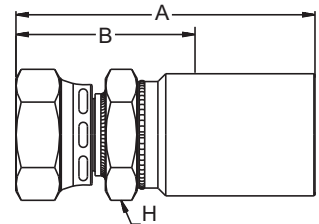
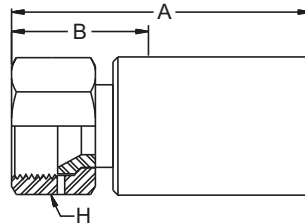
Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
1019X-16-16	1" NPT	4.10	104	1.78	45	1.42	36	6,500	44.8
6019X-16-16C	1" NPT	4.38	111	2.25	57	1.38	35	6,500	44.8

# Type "M" Female Swivel Fitting AY



Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
6AY9X-16-16C	1-5/16" - 12	3.79	96	1.65	42	1.50	38	6,500	44.8

# JIC Female Swivel Fitting 06



\*SubSea Fitting

Part Number	Connection Type Thread Size	A Overall Length		B Cutoff Allowance		H Hex Size		Maximum Working Pressure	
		inch	mm	inch	mm	inch	mm	psi	MPa
#									
1069X-16-16	1-5/16" - 12	4.04	103	1.76	45	1.62	41	6,500	44.8
6069X-16-16C	1-5/16" - 12	3.79	96	1.65	42	1.50	38	6,500	44.8
E225JIC3 *	1-5/16" - 12	4.30	109	2.10	53	1.63	41	6,500	44.8

\*SubSea Fitting