

HIGH PRESSURE WIRE HOSES WITH PA11 CORE TUBE

1/4" 12,500 psi High pressure wire hose 2440N-04V91

**CONSTRUCTION**

Core tubeMethanol washed PA11
Pressure reinforcementHigh strength wire

CoverPA12
ColourBlack

TEMPERATURE RANGE

-40°C up to +100°C, max. 70°C for water or methanol based fluids.
-40°F up to +212°F, max. 158°F for water or methanol based fluids.

MAX. LENGTH

3,750 m / 12,303 ft
(for longer length requirements please contact Parker Hannifin)

SPECIFICATION

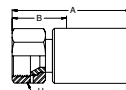
Meets or exceeds performance requirements of ISO 13628-5 / API 17E

2440N-04V91

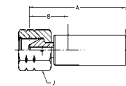
mm		inch		MPa		psi		mm		inch		kg/m		lbs/ft		Collapse pressure		DF
6.4	1/4	13.1	0.520	86.5	12,500	345.0	50,000	150	5.9	0.31	0.21	24.7	3,582	4.0				

JIC female swivel**Material: AISI 316 / 316Ti**

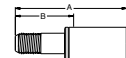
#		A		B			Pressure	
		mm	inch	mm	inch		MPa	psi
1068X-6-04C	9/16 - 18 UNF	55.0		24.0		19	103.5	15,000

**Type M female swivel****Material: AISI 316 / 316Ti**

#		A		B			Pressure	
		mm	inch	mm	inch		MPa	psi
1AY8X-6-04C	9/16 - 18 UNF	66.0	2.6	33.0	1.30	19	103.5	15,000

**Medium pressure tube nipple****Material: AISI 316 / 316Ti**

#		A		B		Pressure	
		mm	inch	mm	inch	MPa	psi
1Y28X-6-04C	3/8 - 24 UNF - LH	120.0	4.72	87.0	3.43	138.0	20,000



HIGH PRESSURE WIRE HOSES WITH PA11 CORE TUBE

**3/8" 12,500 psi High pressure wire hose
2440N-06V91**



CONSTRUCTION	Core tubeMethanol washed PA11 Pressure reinforcementHigh strength wire CoverPA12 ColourBlack
TEMPERATURE RANGE	-40°C up to +100°C, max. 70°C for water or methanol based fluids. -40°F up to +212°F, max. 158°F for water or methanol based fluids.
MAX. LENGTH	6,000 m / 19,685 ft (for longer length requirements please contact Parker Hannifin)
SPECIFICATION	Meets or exceeds performance requirements of ISO 13628-5 / API 17E

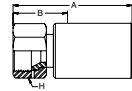
2440N-06V91

Ø		Ø		↻		↻		↻		[kg]		Collapse pressure		DF
mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	MPa	psi	
9.8	3/8	19.5	0.770	86.5	12,500	345.0	50,000	190	7.5	0.73	0.49	32.2	4,670	4.0

JIC female swivel

Material: Special Stainless Steel Materials

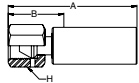
#	↻	A		B		H	↻	
		mm	inch	mm	inch		mm	MPa
106LX-6-06C4462	9/16 - 18 UNF	74.5	2.93	29.0	1.14	22	69.0	10,000
106LX-8-06C4462	3/4 - 16 UNF	78.0	3.07	32.5	1.28	24	86.5	12,500



Type M female swivel

Material: Special Stainless Steel Materials

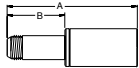
#	↻	A		B		H	↻	
		mm	inch	mm	inch		mm	MPa
1AYLX-8-06C4462	3/4 - 16 UNF	78.0	3.07	32.5	1.28	27	103.5	15,000



Medium pressure tube nipple

Material: Special Stainless Steel Materials

#	↻	A		B		↻	
		mm	inch	mm	inch	MPa	psi
1Y2LX-6-06C4462	3/8 - 24 UNF - LH	128.5	5.06	76.5	3.01	138.0	20,000
1Y2LX-9-06C4462	9/16 - 18 UNF - LH	137.0	5.4	91.5	3.60	138.0	20,000



HIGH PRESSURE WIRE HOSES WITH PA11 CORE TUBE

1/2" 10,000 psi High pressure wire hose

2440N-08V91-10K

**CONSTRUCTION**

Core tubeMethanol washed PA11
 Pressure reinforcementHigh strength wire

CoverPA12
 ColourBlack

TEMPERATURE RANGE

-40°C up to +100°C, max. 70°C for water or methanol based fluids.
 -40°F up to +212°F, max. 158°F for water or methanol based fluids.

MAX. LENGTH

6,000 m / 19,685 ft
 (for longer length requirements please contact Parker Hannifin)

SPECIFICATION

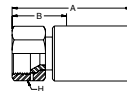
Meets or exceeds performance requirements of ISO 13628-5 / API 17E

2440N-08V91-10K

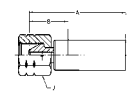
Ø		Ø		↻		↻		↻		↻		Collapse pressure		DF
mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	MPa	psi	
12.9	1/2	22.7	0.892	69	10,000	276.0	4,000	200	7.9	0,94	0.63	18	2,610	4.0

JIC female swivel**Material: AISI 316 / 316Ti**

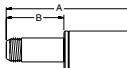
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		mm	inch	mm	inch		mm	MPa
106LX-8-08C	3/4 - 16 UNF	94.0	3.7	39.4	1.55	27	69.0	10,000

**Type M female swivel****Material: AISI 316 / 316Ti**

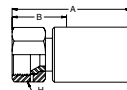
#	↻	A	B	J	↻	
		mm	mm		mm	MPa
1AYLX-11-08C	1 - 12 UNF	80.0	27.0	32	130.0	18,850

**Medium pressure tube nipple****Material: AISI 316 / 316Ti**

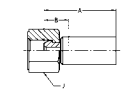
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		mm	inch	mm	inch	MPa	psi
1Y2LX-12-08C	3/4 - 16 UNF - LH	157.5	6.2	103.5	4.07	138.0	20,000

**JIC female swivel****Material: AISI 316 / 316Ti**

#	↻	A		B		H	↻	
		mm	inch	mm	inch		mm	MPa
106LX-12-08C	1 1/16 - 12 UNF	88.0	3.46	44.0	1.73	32	34.5	5,000

**BSP female swivel (60° cone)****Material: AISI 316 / 316Ti**

#	↻	A	B	J	↻	
		mm	mm		mm	MPa
192LX-8-08C	G 1/2	75.0	21.0	30	130.0	18,850



HIGH PRESSURE WIRE HOSES WITH PA11 CORE TUBE

3/4" 10,000 psi High pressure wire hose 2440N-12V91

**CONSTRUCTION**

Core tubeMethanol washed PA11
Pressure reinforcementHigh strength wire

CoverPA12
ColourBlack

TEMPERATURE RANGE

-40°C up to +100°C, max. 70°C for water or methanol based fluids.
-40°F up to +212°F, max. 158°F for water or methanol based fluids.

MAX. LENGTH

5,000 m / 16,404 ft
(for longer length requirements please contact Parker Hannifin)

SPECIFICATION

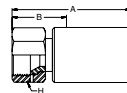
Meets or exceeds performance requirements of ISO 13628-5 / API 17E

2440N-12V91

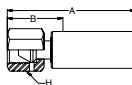
Ø		Ø		↗		✂		↩		[]		Collapse pressure		DF
mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	MPa	psi	
19.9	3/4	30.2	1.190	69	10,000	250.0	36,250	250	9.8	1.46	0.98	10.6	1,537	36.0

JIC female swivel**Material: Special Stainless Steel Materials**

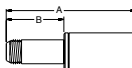
#	⌚	A		B		H	↗	
		mm	inch	mm	inch		mm	MPa
106LX-12-12C4462	1 1/16 - 12 UNF	95.0	3.74	41.0	1.61	36	34.5	5,000
106LX-16-12C4462	1 5/16 - 12 UNF	99.0	3.9	43.0	1.69	41	69.0	10,000

**Type M female swivel****Material: Special Stainless Steel Materials**

#	⌚	A		B		H	↗	
		mm	inch	mm	inch		mm	MPa
1AYLX-16-12C4462	1 5/16 - 12 UNF	92.0	3.62	38.0	1.49	41	103.5	15,000

**Medium pressure tube nipple****Material: Special Stainless Steel Materials**

#	⌚	A		B		↗	
		mm	inch	mm	inch	MPa	psi
1Y2LX-12-12C4462	3/4 - 16 UNF - LH	160.0		100.0		137.9	20,000
1Y2LX-16-12C4462	1 - 14 UNS - LH	181.0	7.13	119.4	4.70	138.0	20,000



HIGH PRESSURE WIRE HOSES WITH PA11 CORE TUBE

**1" 8,120 psi High pressure wire hose
2440N-16V91**



CONSTRUCTION	Core tubeMethanol washed PA11 Pressure reinforcementHigh strength wire CoverPA12 ColourBlack
TEMPERATURE RANGE	-40°C up to +100°C, max. 70°C for water or methanol based fluids. -40°F up to +212°F, max. 158°F for water or methanol based fluids.
MAX. LENGTH	4,000 m / 13,123 ft (for longer length requirements please contact Parker Hannifin)
SPECIFICATION	Meets or exceeds performance requirements of ISO 13628-5 / API 17E

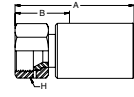
2440N-16V91

⊙		⊙		↻		↻		↻		Ⓜ		Collapse pressure		DF
mm	inch	mm	inch	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	MPa	psi	
25.2	1	37.2	1.460	56	8,120	225.0	32,625	300	11.8	2	1.33	6	870	4.0

JIC female swivel

Material: Special Stainless Steel Materials

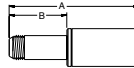
#	↻	A		B		Ⓜ	↻	
		mm	inch	mm	inch		MPa	psi
106LX-16-16C4462	1 5/16 - 12 UNF	77.0	3.03	25.5	1.00	41	34.5	5,000



Medium pressure tube nipple

Material: Special Stainless Steel Materials

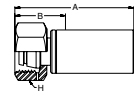
#	↻	A		B		↻	
		mm	inch	mm	inch	MPa	psi
1Y2LX-16-16C4462	1 - 14 UNS - LH	181.0	7.13	127.0	5.00	138.0	20,000



Metric female swivel heavy series with O-ring

Material: Special Stainless Steel Materials

#	↻	A		B		Ⓜ	↻	
		mm	inch	mm	inch		MPa	psi
1C9LX-30-16C4462	M42x2	99.0	3.90	45.0	1.77	50	90.0	13,050



HIGH PRESSURE WIRE HOSES WITH PA11 CORE TUBE

1" 10,000 psi High pressure wire hose

2440N-16V91-10K

**CONSTRUCTION**

Core tubeMethanol washed PA12
 Pressure reinforcementHigh strength wire

CoverPA12
 ColourBlack

TEMPERATURE RANGE

-40°C up to +100°C, max. 70°C for water or methanol based fluids.
 -40°F up to +212°F, max. 158°F for water or methanol based fluids.

MAX. LENGTH

4,000 m / 13,123 ft
 (for longer length requirements please contact Parker Hannifin)

SPECIFICATION

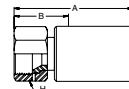
Meets or exceeds performance requirements of ISO 13628-5 / API 17E

2440N-16V91-10K

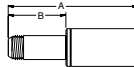
mm		inch		MPa		psi		mm		inch		kg/m		lbs/ft		Collapse pressure		DF
25.2	1	37.2	1.460	69	10,000	225.0	32,625	300	11.8	2	1.34	6	870	33.0				

JIC female swivel**Material: Special Stainless Steel Materials**

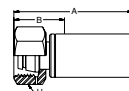
#	mm	inch	A		B		mm	Pressure	
			mm	inch	mm	inch		MPa	psi
106LX-16-16C4462	1 5/16 - 12 UNF		77.0	3.03	25.5	1.00	41	34.5	5,000

**Medium pressure tube nipple****Material: Special Stainless Steel Materials**

#	mm	inch	A		B		mm	Pressure	
			mm	inch	mm	inch		MPa	psi
1Y2LX-16-16C4462	1 - 14 UNS - LH		181.0	7.13	127.0	5.00	138.0	20,000	

**Metric female swivel heavy series with O-ring****Material: Special Stainless Steel Materials**

#	mm	inch	A		B		mm	Pressure	
			mm	inch	mm	inch		MPa	psi
1C9LX-30-16C4462	M42x2		99.0	3.90	45.0	1.77	50	90.0	13,050



HOSE SPECIFICATIONS

3" 10,000 psi *Black Eagle* 2440N-48V80



CONSTRUCTION

Core tubePA11
 Pressure reinforcement4 layers of high tensile steel wire
 CoverExtra thick dual layer TPU sheath
 ColourColorGard™ – red inner sheath and black outer sheath

TEMPERATURE RANGE

-40°C up to +70°C
 -40°F up to +158°F

MAX. LENGTH

350 m / 1,148 ft

CERTIFICATES

DNVGL Type Approval TAD00000CA (see chapter 4)

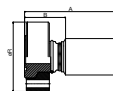
2440N-48V80

⊙		⊙		Max. working pressure		Test pressure				Min. bend radius				Collapse pressure	
mm	inch	mm	inch	MPa	psi	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	MPa	psi
75	3	122	4.800	69	10,000	103.5	15,000	138.0	20,000	1100	43.3	18.7	12.57	6.6	957

API Flange, swivel

Material: *Special Steel and Stainless Steel Materials*

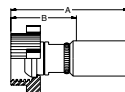
#	API size	A		B		ØR		Seal		
		mm	inch	mm	inch	mm	inch		MPa	psi
18KLX-49-48-API17DSV-10K	3 1/16" 10,000 psi	455.0	17.91	244.0	9.61	270.0	10.63	BX154	69.0	10,000
18KLX-65-48-API17DSV-10K	4 1/16" 10,000 psi	482.0	18.98	246.0	9.68	315.0	12.40	BX155	69.0	10,000



1502 Hammerlug union male

Material: *Special Steel and Stainless Steel Materials*

#		A		B			
		mm	inch	mm	inch	MPa	psi
1HELX-48-48-FLAT	5 3/8" - 3 1/2 ACME	395.0	15.55	184.0	7.24	103.5	15,000



1502 Hammerlug union female

Material: *Special Steel and Stainless Steel Materials*

#		A		B			
		mm	inch	mm	inch	MPa	psi
1HNLX-48-48	5 3/8" - 3 1/2 ACME	405.0	15.9	194.0	7.64	103.5	15,000

