



# 2440N WIRE SPIRAL OFFSHORE HOSE

## Oil and Gas applications

#																	Collapse pressure bar	Max length mtr
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	bar	bar					
2440N-04V91	6	-04	6.4	1/4	13.1	865	12,500	3450	50,000	150.0	0.31	247	3,000					
2440N-06V91	10	-06	9.8	3/8	19.5	865	12,500	3450	50,000	190.0	0.73	322	5,000					
2440N-08V91	12	-08	12.7	1/2	22.7	810	11,750	3250	46,980	200.0	0.94	198	5,000					
2440N-12V91	20	-12	19.8	3/4	30.2	690	10,000	2500	36,250	250.0	1.46	105	4,000					
2440N-16V91	25	-16	25.2	1	37.2	560	8,120	2250	32,625	300.0	2.0	60	4,000					

## APPLICATIONS

Long length subsea umbilical hose suitable in deep sea applications. Used for MEG and gas injection when high pressures are required.

## FEATURES

- Low dimensional change under pressure which results in excellent response times
- Smooth bore for low pressure drop
- Offshore safety factor standard (4:1 SF)
- Meets or exceeds the performance requirements of ISO 13628-5 / API 17E
- Methanol washed Nylon PA11 core tube

## CONSTRUCTION

**Core tube:** Methanol washed PA11.  
**Pressure reinforcement:** High strength wire.  
**Cover:** PA12.  
**Colour:** Black.

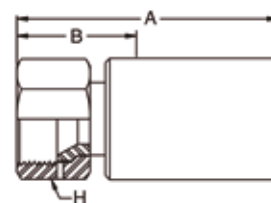
## TEMPERATURE RANGE

-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.

## FITTINGS

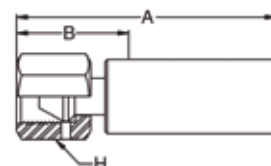
**JIC Female swivel fitting:** Stainless steel (AISI 316), other materials on request.

#							A	B			
	DN	size	mm	inch	mm	mm				mm	bar
106LX-6-04C	6	-04	6.4	1/4	9/16 - 18 UNF	77.0	32.0	19.0	1035	15,000	
106LX-6-06C	10	-06	9.5	3/8	9/16 - 18 UNF	74.5	29.0	22.0	690	10,000	
106LX-8-06C	10	-06	9.5	3/8	3/4 - 16 UNF	78.0	32.5	24.0	365	12,500	
106LX-8-08C	12	-08	12.7	1/2	3/4 - 16 UNF	94.0	40.0	27.0	810	11,700	
106LX-16-12C	20	-12	19.0	3/4	1 5/16 - 12 UNF	109.0	43.0	41.0	690	10,000	
606LX-16-16C	25	-16	25.4	1	1 5/16 - 12 UNF	96.0	42.0	38.0	690	10,000	



**Type "M" female swivel fitting:** Stainless steel (AISI 316), other materials on request.

#							A	B			
	DN	size	mm	inch	mm	mm				mm	bar
1AYLX-6-04C	6	-04	6.4	1/4	9/16 - 18 UNF	79.0	34.0	22.0	1035	15,000	
1AYLX-8-06C	10	-06	9.5	3/8	3/4 - 16 UNF	78.0	32.0	27.0	1035	15,000	
1AYLX-11-08C	12	-08	12.7	1/2	1 - 12 UNF	90.0	36.5	32.0	1035	15,000	
1AYLX-16-12C	20	-12	19.0	3/4	1 5/16 - 12 UNF	92.0	38.0	41.0	1035	15,000	







**Please Note:** Variety of fittings in mild steel or stainless steel available, other fittings available on request. We reserve the right to make technical changes without notice.

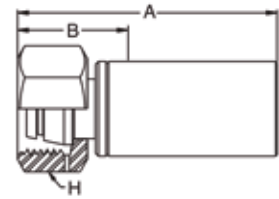
# 2440N

## WIRE SPIRAL OFFSHORE HOSE






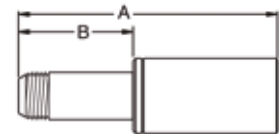
**Metric swivel with O-ring heavy series:** Stainless steel (AISI 316), other materials on request.

#						A	B			
	DN	size	mm	inch		mm	mm	mm	bar	psi
1C9LX-10-04C	6	-04	6.4	1/4	M18 x 1.5	70.0	33.0	22.0	140	20,300
1C9LX-14-06C	10	-06	9.5	3/8	M22 x 1.5	76.0	30.0	30.0	865	12,500
1C9LX-16-08C	12	-08	12.7	1/2	M24 x 1.5	88.0	34.0	32.0	810	11,700
1C9LX-25-12C	20	-12	19.0	3/4	M36 x 2	108.0	40.0	46.0	630	9,100



**Medium pressure tube nipple:** Stainless steel (AISI), other materials on request.

#						A	B		
	DN	size	mm	inch		mm	mm	bar	psi
1Y2LX-3-04C*	6	-04	6.4	1/4	3/8 - 24 UNF-LH	109.0	64.0	1380	20,000
1Y2LX-12-08C	12	-08	12.7	1/2	3/4 - 16 UNF-LH	157.5	103.5	1380	20,000



\*Nipple made from super duplex, shell stainless steel (AISI316).



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