



# 2390N WIRE REINFORCED OFFSHORE HOSE

## Oil and Gas applications

#													Collapse pressure	Max length
	DN	size	mm	inch	mm	bar	psi	bar	psi	mm	kg/m	bar	mtr	
2390N-06V91	10	-06	9.8	3/8	18.1	445	6,450	1780	25,800	120.0	0.41	150	3,500	
2390N-08V91	12	-08	12.9	1/2	21.2	415	6,015	1660	24,070	150.0	0.57	78	5,000	
2390N-12V91	20	-12	19.4	3/4	28.8	350	5,075	1400	20,300	300.0	0.90	75	3,200	
2390N-16V91	25	-16	25.2	1	35.0	280	4,060	1120	16,240	280.0	1.17	39	5,000	

## APPLICATIONS

Low volumetric expansion hose. Used in subsea umbilicals, hydraulic controls and as long length methanol injection hose. Also used as a BOP hose.

## FEATURES

- Low dimensional change under pressure and 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.

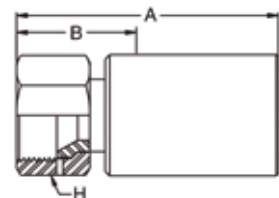
## TEMPERATURE RANGE

-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

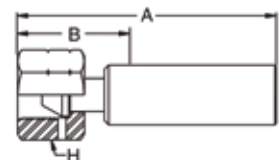
**JIC Female swivel fitting:** Stainless steel (AISI 316), other materials on request.

#						A	B			
	DN	size	mm	inch	mm				mm	mm
1069X-8-06C	10	-06	9.5	3/8	3/4 - 16 UNF	74.0	31.0	24.0	690	10,000
1069X-8-08C	12	-08	12.7	1/2	3/4 - 16 UNF	81.0	38.0	27.0	690	10,000
1069X-12-12C	20	-12	19.0	3/4	1 1/16 - 12 UNF	96.0	43.0	36.0	345	5,000
1069X-16-16C	25	-16	25.4	1	1 5/16 - 12 UNF	102.5	47.5	41.0	345	5,000



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

#						A	B			
	DN	size	mm	inch	mm				mm	mm
1929X-6-06C	10	-06	9.5	3/8	G 3/8	63.5	24.5	22.0	690	10,000
1929X-8-08C	12	-08	12.7	1/2	G 1/2	70.0	27.0	27.0	690	10,000
1929X-12-12C	20	-12	19.0	3/4	G 3/4	77.0	26.0	32.0	345	5,000
1929X-16-16C	25	-16	25.4	1	G 1	93.5	40.5	41.0	345	5,000



**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.