

EOM Offshore

STRETCH-MOOR™

- **STRETCHES 2.5x**
- **4+ YEAR SERVICE LIFE**
- **CAT-5/6 CONDUCTORS**
- **FLUID TRANSFER CAPABLE**
- **AVAILABLE W/O CONDUCTORS**
- **NEUTRALLY BUOYANT**
- **CUSTOM LENGTHS AVAILABLE**

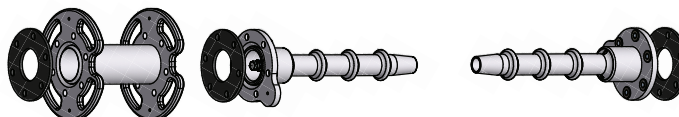


www.eomoffshore.com

Stretch Moor™ Hose

- ✓ Easy to handle
- ✓ Neutrally buoyant
- ✓ Fluid transfer capable
- ✓ Bolted Flanges
- ✓ Aluminum terminations
- ✓ 1:1 Scope Ratio

Aluminum End Terminations and Adapters



Hose Length	Hose O.D.	Hose I.D.	Air Weight	Wet Weight	WLL* (lbs)	Breaking Strength (lbs)
25 feet	2.25"	1"	74 lbs.	-20 lbs.	1000	3000
50 feet	2.25"	1"	133 lbs.	-33 lbs.	1000	3000

*WLL = Working Load Limit

Hose Length	Max Elongation (%)	Max Elongation (ft.)
25 feet	150	62.5
50 feet	150	125.0

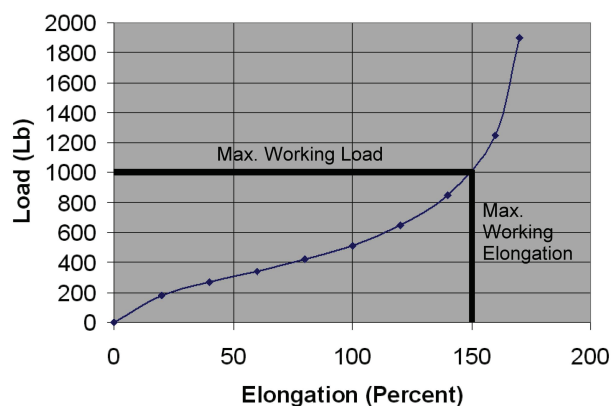
Conductors Available

8 x #22 AWG

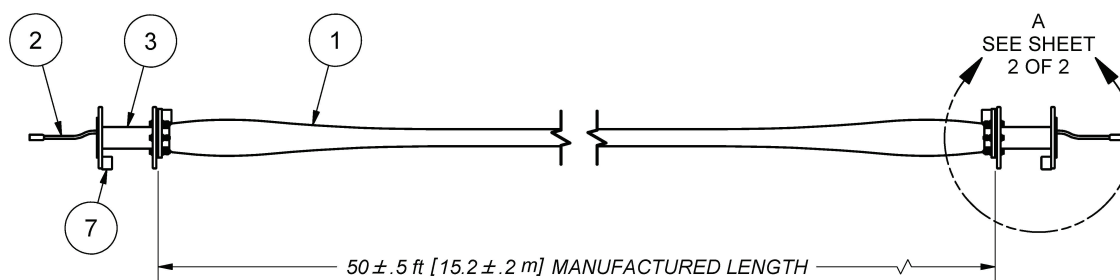
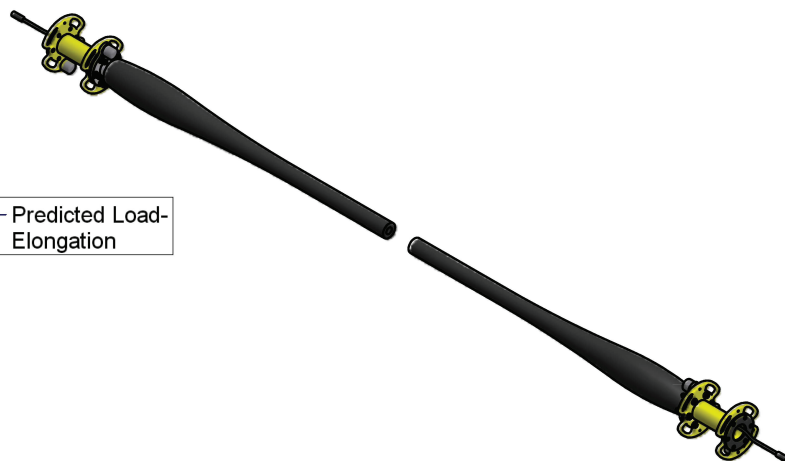
CAT-5 Cabling

Stretch Hose Mooring Component includes gaskets, anodes, adapter units and stainless steel fasteners.

Predicted Load-Elongation



→ Predicted Load-Elongation



NOTE:

USED HOSE UNSTRETCHED LENGTH TYPICALLY 10-15% LONGER THAN ORIGINAL MANUFACTURED LENGTH. THIS IS A NORMAL CONSEQUENCE OF CONSTRUCTION STRETCH AND THE MULLINS EFFECT

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	EOM-171-4-1000	BASE HOSE ASSEMBLY
2	2	SUBCONN MCIL8F	8 PIN MICRO SERIES
3	2	EOM-171-4-1200	ADAPTER KIT - STANDARD
7	4	1-4-20_STUD_ANODE	ZINC ANODE (1/4-20 STUD)

UNLESS OTHERWISE NOTED:
DIMENSIONS IN INCHES
TOLERANCES:

DECIMAL .xx ± 0.01
.xxx ± 0.005

ANGULAR ± 1 deg

BREAK ALL SHARP EDGES R0.02 MIN

MATERIAL

FINISH

SEE APPLICABLE NOTES

DESIGN DATE

Don Peters 4/19/2010

DRAFT

CHECKED

EOM Offshore 20 JONATHAN BOURNE DRIVE
POCASSET, MA 02559
(508)-563-2100 www.eomoffshore.com

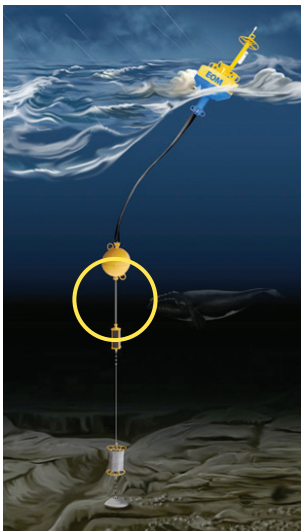
TITLE
**MOORING STRETCH E/M HOSE
ASSEMBLY - 50 FT**

SIZE A PART NO. EOM-171-4-2000 REV

SCALE SHEET 1 OF 2

Products

EOM Mooring Chains



EOM Mooring Chains are a rugged, proven design that encapsulates chain and helixed electrical conductors in quieting but flexible urethane. These components are then housed in a marine-grade hose, creating a static subsurface section.

For additional information please contact **Mark Lambton**, General Manager at (508) 563-2100 or mlambton@eomoffshore.com.