



Flow-Quip
OFFSHORE FLUID POWER

OFFSHORE: JACK-UP - DRILLSHIP - SEMISUB - FPSO



EXTREME FLUID POWER

PRODUCTS & TECHNICAL SUPPORT

2026-2027
CONDENSED CATALOG

Edition II

ABOUT FLOW-QUIP, INC.

40 YEARS OF EXCELLENCE IN OIL & GAS FLUID POWER SUPPORT

PROVIDING PRODUCT SALES & ENGINEERING
CONTINUITY TO DRILLING & PRODUCTION
FUNCTION IN BOTH OFFSHORE AND ONSHORE
OPERATIONS

FLOW-QUIP delivers Direct Sales, Procurement
Validation, Client Engineering, and OIM Consultations
for Drilling and Production Operations across Latin
America.

INDUSTRY PROCESSES SUPPORTED:

- OFFSHORE DRILLING OPERATIONS
- SUBSEA FLUID POWER
- OFFSHORE PRODUCTION
PLATFORMS
- FPSO-FSO SUPPORT
- ONSHORE DRILLING OPERATIONS
- ONSHORE PRODUCTION
OPERATIONS

ENGINEERING SUPPORT FOR GLOBAL MANUFACTURERS:

- GATES
- COFLEXIP
- AMERCABLE
- M&M INTERNATIONAL
- FLUID SYSTEMS



SERVICES:
**ENGINEERING
SUPPORT**

**PROCUREMENT
VALIDATION**

**APPLICATION
PRODUCT
DESIGN**

**FAILURE
ANALYSIS**

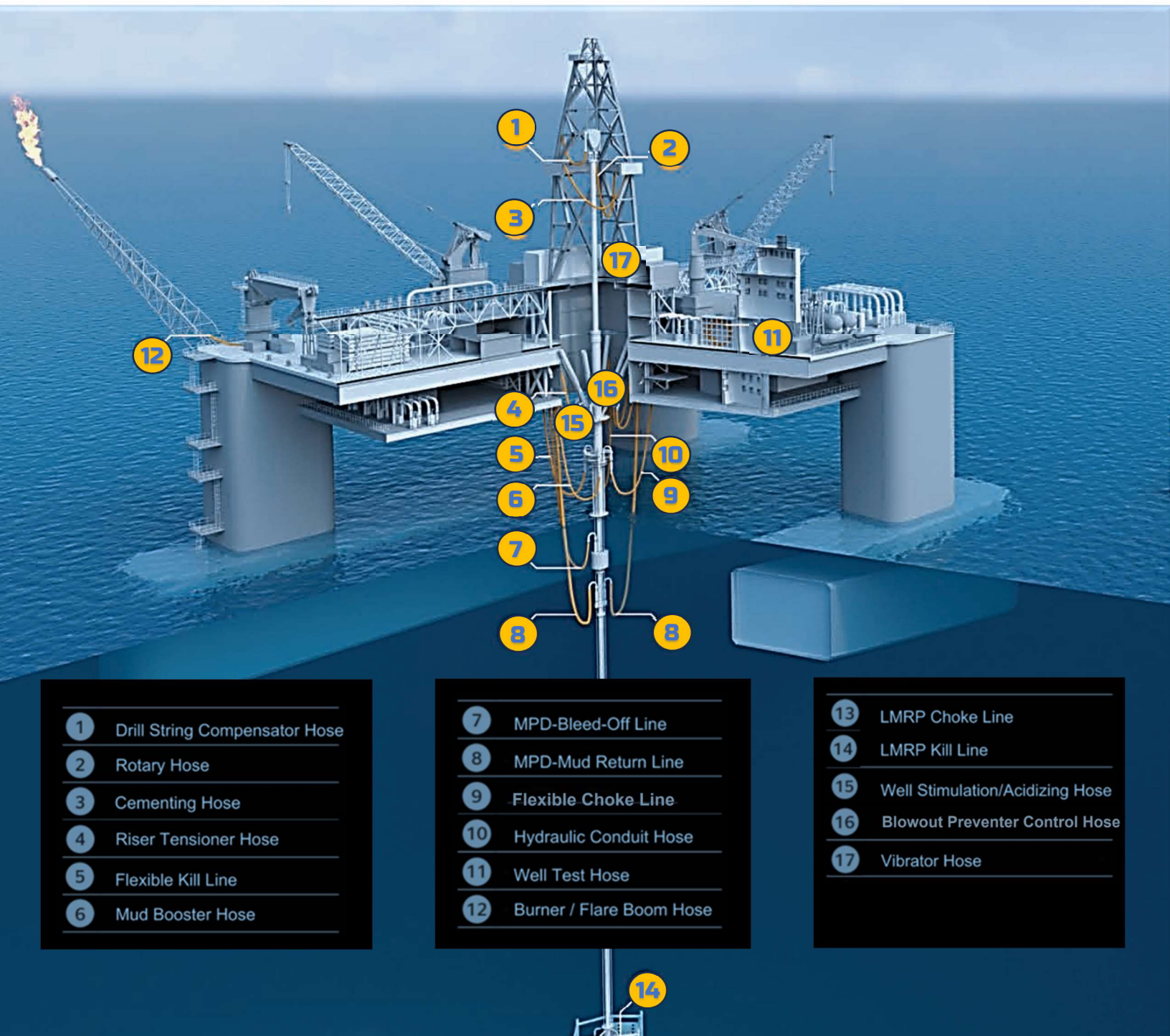
**FLUID POWER
TRAINING**



FLOW-QUIP, INC.

DRILLING & PRODUCTION PRODUCTS

OFFSHORE · SUBSEA · ONSHORE



- 1 Drill String Compensator Hose
- 2 Rotary Hose
- 3 Cementing Hose
- 4 Riser Tensioner Hose
- 5 Flexible Kill Line
- 6 Mud Booster Hose

- 7 MPD-Bleed-Off Line
- 8 MPD-Mud Return Line
- 9 Flexible Choke Line
- 10 Hydraulic Conduit Hose
- 11 Well Test Hose
- 12 Burner / Flare Boom Hose

- 13 LMRP Choke Line
- 14 LMRP Kill Line
- 15 Well Stimulation/Acidizing Hose
- 16 Blowout Preventer Control Hose
- 17 Vibrator Hose

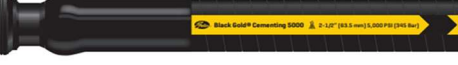
HIGH-PRESSURE DRILLING HOSE



MUD SERVICE

	ROTARY DRILLING & VIBRATOR, MUD DELIVERY, AND CEMENT HOSES 5000 SOUR SERVICE	Flexible connection between standpipe and top drive/swivel or between pump and standpipe for pumping mud at extra high pressure in oil drilling and exploration work.
	ROTARY DRILLING & VIBRATOR, MUD DELIVERY & CEMENT HOSES 7500 SOUR SERVICE	
	ROTARY DRILLING & VIBRATOR, MUD DELIVERY AND CEMENT HOSES GRADE D	Flexible connection between standpipe and top drive/swivel or between pump and standpipe for pumping mud at extra high pressure in oil drilling and exploration work.
	ROTARY DRILLING & VIBRATOR, MUD DELIVERY & CEMENT HOSES GRADE E	

CEMENTING SERVICE

	CEMENTING 5000 POWERSPIRAL™	Hose is designed to handle abrasive and corrosive cements. The cover is designed to handle external damage from abrasion, corrosion, gouges, oil and weather.
	CEMENTING 10000 POWERSPIRAL™	
	CEMENTING 5000	Suitable for conveyance of cement slurries at high pressure. The UltraBration™ cover is designed to handle external damage from abrasion, corrosion, gouges, oil and weather.
	CEMENTING 10000	
	CEMENTING 15000 API	Suitable for conveyance of cement slurries at high pressure. The UltraBration™ cover is designed to handle external damage from abrasion, corrosion, gouges, oil and weather.

Note: Flow-Quip is the Authorized BLACK GOLD DISTRIBUTOR for GATES in Latin America



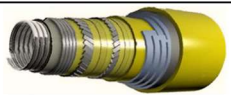
HIGH-PRESSURE DRILLING HOSE



CHOKE & KILL SERVICE

	CHOKE & KILL 5000 MEGASHIELD™	MegaShield™ hoses can be used with or without stainless steel armor.
	CHOKE & KILL 10000 MEGASHIELD™	
	CHOKE & KILL 5000	Specially designed to withstand flexing and high pressures encountered in offshore applications.
	CHOKE & KILL 10000	
	CHOKE & KILL 15000	Armored Flexible Choke & Kill Hoses.
	CHOKE & KILL HOSE API 16C	
		Specially designed to withstand flexing and high pressures encountered in offshore Choke and Kill applications.

TOP-SIDE JUMPER HOSE SERVICE

	TOPSIDE JUMPER	Offshore Drilling Hoses used in topside production, gas and water injection, gas lift, gas export, oil transfer, and firewater service
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BLOWOUT PREVENTER SERVICE

	BOP 5000 MEGASHIELD™	Blow out preventer (BOP) systems requiring high pressure, high temperature and flame resistant control lines certified to API 16D and Lloyds 1000/499 fire test
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OFFSHORE **DRILLING HOSE**



MOTION COMPENSATOR SERVICE



MOTION COMPENSATOR SERVICE

DRILL STRING COMPENSATOR

HYDRAULIC TENSIONER SERVICE



HYDRAULIC TENSIONER HOSE

Hydraulic Riser Tensioner Hose

JACK-UP RIG SERVICE



JACK-UP-RIG DRAG CHAIN HOSE

Non-elongating hose made for Jack-Up Rig Drag Chain Service - Hoses are reinforced with steel cable tapes.



JACK-UP RIG - LEG JETTING SERVICE

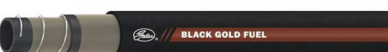
Designed for Jack-Up Rig - Leg Jetting Service

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OFFSHORE **BUNKERING** HOSE



	Black Gold™ ABS Bulk Material 300SD	Transfer of abrasive materials such as barite and cement from a supply ship to an offshore drilling rig or platform; and for transfer applications on offshore or onshore drilling rigs or platforms
	Black Gold™ ABS Mud and Oil 300SD	Transfer of abrasive, water-based and petroleum-based drilling fluids from a supply ship to an offshore drilling rig or platform; and for transfer applications on offshore or onshore drilling rigs or platforms
	Black Gold™ Blender Transfer 150D	Transfer of water, petroleum-based fluids, dilute acids, chemicals and abrasive slurries used in oil and gas well stimulation
	Black Gold™ Fuel 300SD	Transfer of refined fuels (commercial gasoline and diesel fuel) oils and other petroleum products. Ideal for offshore/onshore transfer applications involving suction and discharge service for diesel oils and other similar petroleum products
	Black Gold™ ABS Drill Water 300	Transfer of non-potable water or liquids not containing oils or chemicals from a supply ship to an offshore drilling rig or platform. Various water-based transfer applications for offshore or onshore work sites
	Black Gold™ Blender Transfer 150D	Transfer of water, petroleum-based fluids, dilute acids, chemicals and abrasive slurries used in oil and gas well stimulation
	Black Gold™ ABS Chemical Plus 250SD	Transfer of chemical products from a supply ship to an offshore drilling rig or platform; and for transfer applications on offshore or onshore drilling rigs or platforms
	Black Gold™ ABS Potable Water 300SD	Transfer of potable water, or liquids not containing oils or chemicals from a supply ship to an offshore

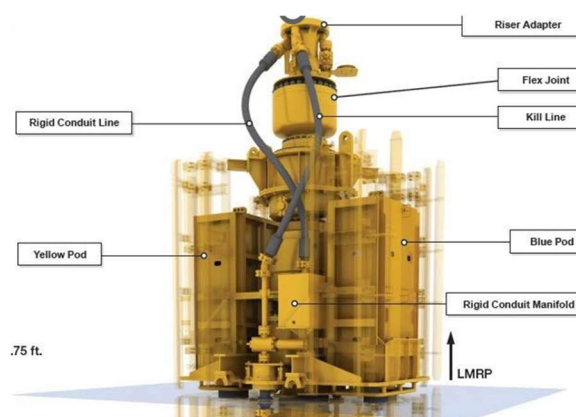
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SUBSEA DRILLING HOSE

 **Coflexip®** Brand Flexible Pipe



SUBSEA – HYDRAULIC CONDUIT SERVICE



LMRP - HYDRAULIC CONDUIT SERVICE

API 16C - Short high-pressure flexibles used on lower marine riser package (LMRP) at subsea BOPs on the subsea BOP

SUBSEA – LMRP KILL LINE SERVICE



LMRP - KILL LINE SERVICE

API 16C - Short high pressure flexibles used for choke & kill applications on the subsea BOP

Note: Flow-Quip is the Authorized Reseller of ORIGINAL COFLEXIP BRAND PRODUCTS for Latin America



IBOP VALVES

INSIDE BLOWOUT PREVENTER ("IBOP")/DART VALVES

M&M International IBOP valves are designed and manufactured in-house at our headquarters in Broussard, Louisiana, and are offered in:

- Standard and H₂S service
 - 10,000 and 15,000 psi working pressures
- *Higher pressures available upon request



ONE-PIECE IBOP

M&M's One-Piece IBOP offers all the same functionality of a traditional two-piece design, but with the addition of several key benefits. A one-piece design allows the IBOP to be shorter in length while also creating the possibility for smaller outside diameters. The one-piece design also eliminates the service break, which removes the need to torque a connection after assembly and allows for quicker disassembly, as there is no connection to break out. One-piece IBOPs also require less manufacturing time than two-piece, allowing for a faster lead time offering to the customer. Our IBOPs can be designed and manufactured to meet any applicable industry standard.

TWO-PIECE IBOP

M&M's Two-Piece IBOP is our improved version of the long-time standard for dart valves in the industry. We make it our own by manufacturing our IBOPs out of superior materials and with our best in class engineering and attention to detail. That is why M&M IBOPs are well known in the industry as time tested and reliable performers. Our IBOPs can be designed and manufactured to meet any applicable industry standard.

Note: Flow-Quip is the Authorized Distributor of M&M International for Latin America



KELLY VALVES WITH CANISTER GUARD

CANISTER GUARD® VALVES

M&M International CANISTER GUARD® valves are designed and manufactured in-house at our headquarters in Broussard, Louisiana, and are offered in:

- Standard and H2S service
- 10,000 and 15,000 psi working pressures
**Higher pressures available upon request*
- Class 2 (bidirectional sealing and designed for downhole applications)

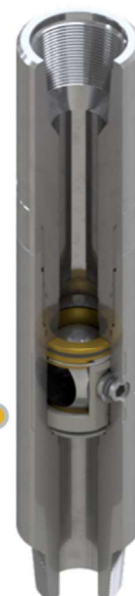


ONE-PIECE KELLY VALVES WITH CANISTER GUARD®

Our One-Piece CANISTER GUARD® Kelly Valves are extremely versatile and can be utilized in multiple drill string applications. Depending on the customer's desired configuration, they can be used as upper/lower kelly cocks, stabbing valves, or as mud saver valves.

TWO-PIECE KELLY VALVES WITH CANISTER GUARD®

Our Two-Piece CANISTER GUARD® Kelly Valves include the features of our one-piece valves while also allowing for larger inside diameters than are possible in one-piece configurations. Along with allowing a more expanded range of capabilities through the larger inside diameter, the two-piece design can also add ample length for connection recuts. Two-piece kelly valves can be manufactured to all of the same standards as one-piece kelly valves and include all of the same patented technologies.



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TOP DRIVE IBOP - SAFETY VALVES WITH CANISTER GUARD



TOP DRIVE SAFETY VALVES WITH CANISTER GUARD

We manufacture valves and saver subs that are specially designed to operate in conjunction with various makes and models of top drive. Our upper and lower top drive valves incorporate all the CANISTER GUARD® technologies that make M&M International valves superior to other designs.

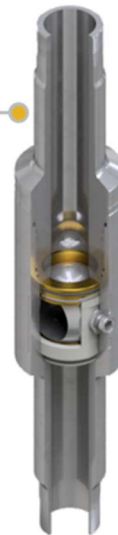
TOP DRIVE SAFETY VALVES WITH BOTTOM LOAD™ SYSTEM & CANISTER GUARD®

M&M's Top Drive Safety Valve Bottom Load™ lower valves have an extended pin nose profile that matches the mating ID profile of M&M's Top Drive Safety Valve Bottom Load™ upper valves. These valve systems have the all-important, rig downtime saving, Bottom Load™ feature. When the time comes for scheduled routine maintenance, the lower valve only needs to be removed to allow quick and easy access to the upper valve's internal components. Along with its innovative design features and our CANISTER GUARD® technology, the Top Drive Safety Valve Bottom Load™ system allows for the quickest possible inspection and/or redress procedure. Since its inception over 20 years ago, M&M's Top Drive Safety Valve Bottom Load™ system has saved countless hours of rig downtime.



TWO-PIECE SAFETY VALVES WITH CANISTER GUARD®

Our Two-Piece Safety Valves also incorporate our CANISTER GUARD® technology and can be designed and manufactured with any tubing, casing, or drill pipe connection(s). When workover and/or completion activities call for a full-bore opening safety valve, this valve will ensure safety and peace of mind during your operations.



THREE-PIECE SAFETY VALVES WITH CANISTER GUARD®

Our innovative Three-Piece Safety Valve ("3PV") with CANISTER GUARD® design is a proven winner when it comes to how versatile a larger more expensive valve can be. One, or both, of the end pieces of the 3PV can be removed and easily switched out in the event of connection damage or if a connection change is required. Spare end pieces can be kept on the rig floor for easy replacement should the need arise. Further, end pieces with different connections can be kept on the shelf by the customer allowing the same 3PV to be used on another job requiring different connections. *Cage not required in largest size.



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SIDE ENTRY PUMP IN SUBS



INTEGRAL SINGLE & DOUBLE SIDE ENTRY SUBS

M&M's Integral Side Entry Subs offer numerous advantages over standard, multi-piece, welded or flanged designs. Additional hammer union hang-off strength, increased body tensile capacity, and the elimination of welds or flanges are just a few of the benefits created by a single body design.

We start with high quality forged materials when manufacturing our integral subs. Through proven shaping and heat treatment methodologies, we can ensure proper strength at all critical cross sections. This results in a much stronger product than normal hot-rolled bar.

Making side entry subs from forgings also often allows for shorter lead times because manufacturing can begin with the material closer to its finished size, while at the same time removing the need for a post-machining heat treat process. Further, M&M stocks common forgings that are used to make our integral subs, which reduces lead times dramatically.

With ample room for recuts, and your choice of hammer union, these subs are built for many years of service. Numerous custom options are possible.



PUMP IN SUBS & CIRCULATING SWAGES

M&M offers pump in subs and circulating swages made to order with your choice of hammer union and end connection.



SMART SOLUTIONS.
CHOICE.

Note: Flow-Quip is the Authorized Distributor of M&M International for Latin America



SIDE ENTRY PUMP IN SUBS

WHY THE REF IS BETTER

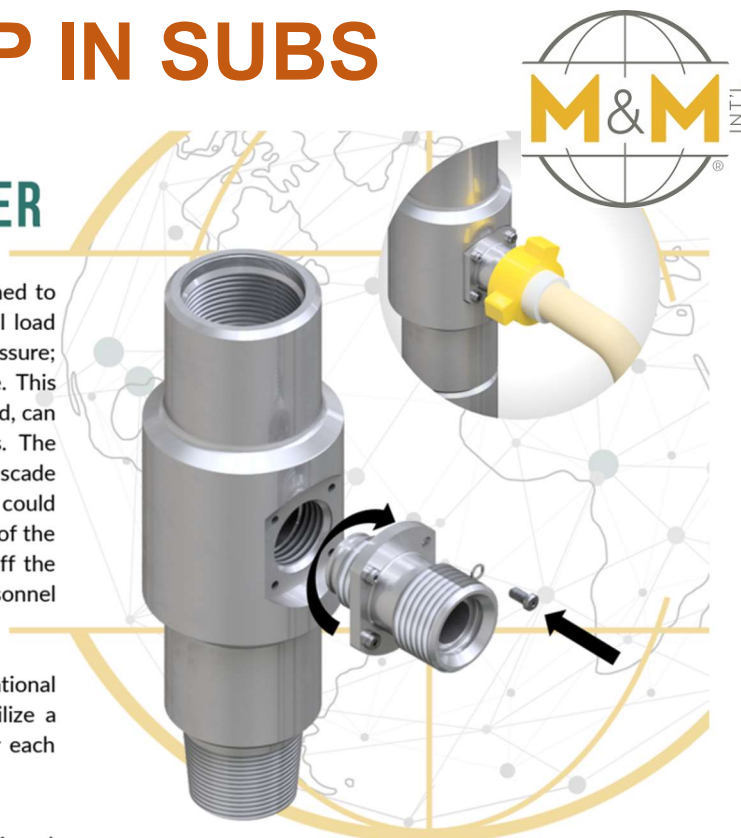
SAFETY - The flange on other designs is attached to the sub body solely by flange bolts. The typical load types seen during operations are: (1) internal pressure; and (2) hang-off load from the circulating hose. This combination of loads, especially the hang-off load, can put extreme stress on the upper flange bolts. The failure of one upper bolt naturally tends to cascade into the failure of the second upper bolt. This could result in a catastrophic failure where the weight of the circulating hose could break the entire flange off the sub body, exposing fluid at pressure to rig personnel and/or the environment.

To prevent this type of failure, M&M International created The REF™ sub design, wherein we utilize a two-part retention system to accommodate for each of the encountered loads.

FEATURE 1 - The hammer union hub is designed and manufactured to be screwed into the sub body during assembly. This innovative threaded flange design supports internal pressure loads completely, and once the hub is screwed flush with the sub body, bolts are inserted to prevent back-off during operations.

FEATURE 2 - The shape and size of The REF's flange face supports the bending moment created by the hang-off load of the circulating hose.

Further, to prevent the potential for unintended back-off and falling bolts, our flange bolts come standard with NORD-LOCK® locking washers, which for overhead safety is far superior to wire rigging systems known for being frequently damaged and therefore having to be repaired or replaced.



VERSATILITY - Unlike with welded or integral subs, the REF's hammer union connection(s) can be quickly and easily replaced should one become damaged or a different hammer union size be required.

PRICE - Due to its design, in most cases we are able to manufacture The REF™ at a lower price than that of integral subs, while at the same time keeping high strength quality.

OPTIONS

- Available in single or double flange configurations.
- Can be configured with any type of rotary shouldered connections, as well as any OD or ID.
- Side outlet customizable and available in a range of hammer union types and sizes.
- Available in working pressures up to 15,000 psi.

PATENT PENDING

Note: Flow-Quip is the Authorized Distributor of M&M International for Latin America



TOP DRIVE **SERVICE LOOPS**

TOP DRIVE SERVICE LOOPS

For Offshore Standard & Deep Water
Drilling Operations



OEM-QUALITY TOP DRIVE SERVICE LOOPS FOR OFFSHORE DRILLING OPERATIONS



Since 1993, Nexans AmerCable has been producing high-quality top drive service loops for the offshore market. Our professionally engineered service loops are built to withstand hazardous operating conditions and dynamic stress. All service loops for offshore operations are engineered and produced at our state-of-the-art cable and service loop production facilities.

- Fully potted
- 300V – 15kV AC
- DC Power
- Composite Power & Control
- Instrumentation
- Thermocouple
- Quick disconnects
- Fiber- or Electro-Fiber-Optic

Nexans AmerCable offers a standard line of top drive service loop packages, including:

CANRIG

All Makes & Models

NOV (VARCO)

All Makes & Models

MHWIRTH

All Makes & Models

TESCO

All Makes & Models

SCHLUMBERGER

CAMERON

All Makes & Models

Note: Flow-Quip is the Authorized Distributor of AMERCABLE for Latin America



OFFSHORE ELECTRIC CABLE

Energize Your Offshore Operation



Upstream Offshore Connectivity Solutions

- Power, Control & Instrumentation Cables
- Service Loops
- Offshore Bridle Systems
- Services & Solutions

Flexible, Longer Lasting Cable Productivity Solutions For Offshore Operations



Power, Control & Instrumentation Cables:

- › GEXOL Type P Cables
- › Low Smoke Halogen-Free (LSHF)
- › CIR - Crush & Impact Resistant
- › VFD Cables
- › Marine Medium Voltage (MMV)
- › GexSIS-125 Switchboard Cable

RATINGS & APPROVALS

(Other certifications pending)

- 110°C Temperature Rating
- NVE 95/1696, FAL
- Transport Canada
- Det Norske Veritas (DNV)
- Lloyd's Register of Shipping
- American Bureau of Shipping (ABS)
- UL Listed as Marine Shipboard Cable (E111461)
- United States Coast Guard November 2, 1987 / 9304
- CSA listed as Marine Shipboard Cable

Note: Flow-Quip is the Authorized Distributor of AMERCABLE for Latin America



OFFSHORE **ELECTRIC CABLE**

IEEE 1580 (TYPE P)



THE INDUSTRY STANDARD FOR PREMIUM-QUALITY OFFSHORE ENERGY OPERATIONS

GEXOL cables prove their value daily in the punishing environments of offshore energy operations worldwide. These harsh locations challenge cable construction with relentless heat, vibration, corrosion, drilling mud exposure, and mechanical stress.

Cable reliability is a huge issue because productivity is key to profitability in today's markets. All GEXOL cable components are factory tested. You can depend on high- quality GEXOL cables for reliable, consistent performance.



Note: Flow-Quip is the Authorized Distributor of AMERCABLE for Latin America



OFFSHORE **ELECTRIC CABLE**

Low Smoke Halogen Free (LSHF)



GEXOL® Low Smoke Halogen-Free Energy Cables are the industry's premium power, control, and instrumentation performance standards. GEXOL cables prove their value daily in the punishing operating environments of offshore drilling and petroleum facilities worldwide.

Offshore applications challenge cable construction with relentless heat, vibration, salt corrosion, drilling mud, and mechanical stress.

For mission-critical environments that require Fire Resistant/Retardant Low Smoke Halogen-Free cables, you can depend on Nexans AmerCable.

Note: Flow-Quip is the Authorized Distributor of AMERCABLE for Latin America

OFFSHORE **ELECTRIC CABLE**

Variable Frequency Drive Cable (VFD)



VFD Cables

100% EMI Containment for Variable Frequency Drive Applications
Four Constructions • Low- & Medium-Voltage



AmerCable VFD Cables are specially engineered to contain EMI emissions 100% and provide longer cable life in VFD applications.

AmerCable VFD cables feature symmetrical insulated ground conductors that reduce induced voltage imbalances and carry common mode noise back to the drive.

AmerCable's high strand count conductors and braid shield design is much more flexible, easier to install and more resistant to vibration than Type MC cable.

Ratings & Approvals

- 110°C Temperature Rating
- American Bureau of Shipping (ABS)
- Transport Canada
- Det Norske Veritas (DNV)
- Lloyd's Register of Shipping (LRS)
- NVE: 95/1696, FAL
- UL Listed as Marine Shipboard Cable: (E111461)
- Unarmored Cable is UL Listed as Type TC (E123629)
- United States Coast Guard: November 2, 1987 / 9304

Note: Flow-Quip is the Authorized Distributor of AMERCABLE for Latin America

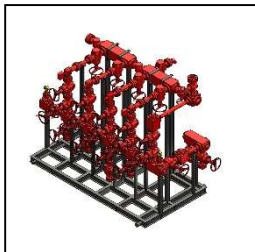


OFFSHORE **FLOW CONTROL**

Valve Types



Plug Valves



Choke & Kill
Manifolds



Choke Valves



Actuated Choke



Stand Pipe
Gate Valves

Integral Fittings



Crosses



Ells



Tees

Swivel Joints



Code Red 15,000
PSI Swivel Joints



Code Silver 6,000
PSI Swivel Joints

Hose Loops



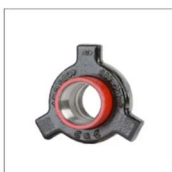
Hammer Unions



Hammer Union -
Figure 100



Hammer Union for
3000 PSI
Applications -
Figure 301



Hammer Union for
4000 PSI
Applications -
Figure 400



Hammer Union for
Extreme High
Pressure - Figure
1502



Hammer Union for
Minimizing Fluid
Flow Turbulence -
Figure 1002



Hammer Union for
Minimizing Fluid
Flow Turbulence -
Figure 602



Hammer Union
with EUE 8 Round
Tubing Threads -
Figure 201



Hammer Union
with O-Ring on
Male Sub - Figure
206



Hammer Union for
Minimizing Fluid
Flow Turbulence -
Figure 1002



Hammer Union for
Minimizing Fluid
Flow Turbulence -
Figure 602



Hammer Union
with EUE 8 Round
Tubing Threads -
Figure 201



Hammer Union
with O-Ring on
Male Sub - Figure
206



Insulated Hammer
Union - Figure 110



Insulating Hammer
Union - Figure 211



Misaligning
Hammer Union -
Figure 1003



Sour Gas NACE
Hammer Union -
Figure 1502



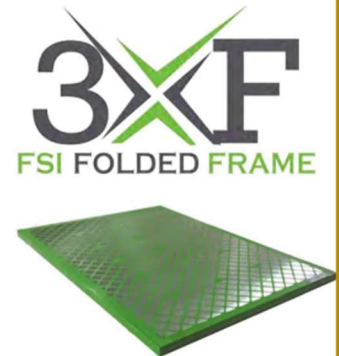
OFFSHORE MUD CONTROL

SHALE SHAKER SCREENS

INTERCHANGABLE TO ALL BRANDS

The Difference

- Our 3XF frame eliminates plate-frame separation
- Manufactured using high yield strength structural steel
- A new perforation design provides more stability to the screen surface during operation
- Increased support reduces flexing, increases screen life and maximizes the G-force at the screen surface
- Lighter frame design
- Resistant to near particle blinding
- Increased volume handling
- API RP 13C (ISO 13501) compliant



Description

Experience

Fluid Systems, Inc. has manufactured its own line of screen panels in Houston, TX USA for more than 30 years. We have an unmatched selection of OEM screen panels in stock and ready for fast delivery.

Design

New lightweight frame with increased support creates better "G" force transfer to the screen surface and reduces flexing between support members. Improved bonding technique ensures stability of cloth openings to offer consistent particle separation. Multi layer construction offers better de-blinding characteristics for consistent flow rates. Newly designed perforation pattern eliminates fluid channeling by distributing feed evenly across the screen surface. Increased bonding area reduces the chance of adhesive failure without sacrificing available unblocked screening area. New bonding agent for increased adhesion and heat resistance, resulting in better performance in OBM and SBM systems.

API RP 13C (ISO 13501)

Fluid Systems is pleased to announce availability of API RP 13C (ISO 13501) compliant shaker screens. Compliance means that Fluid Systems screens meet and exceed the American Petroleum Institutes (API) new recommended practice for shaker screen testing and labeling.