

RIG SUPPLY





Dunlop Hiflex is one of the market's most established suppliers of hydraulic fluid conveyance and industrial fluid conveyance products and systems.

The manufacturing of hoses and couplings, for both high and low pressure, gives Dunlop Hiflex extensive knowledge of the products and enable us to put forward suggestions for new solutions and improvements for the industry.





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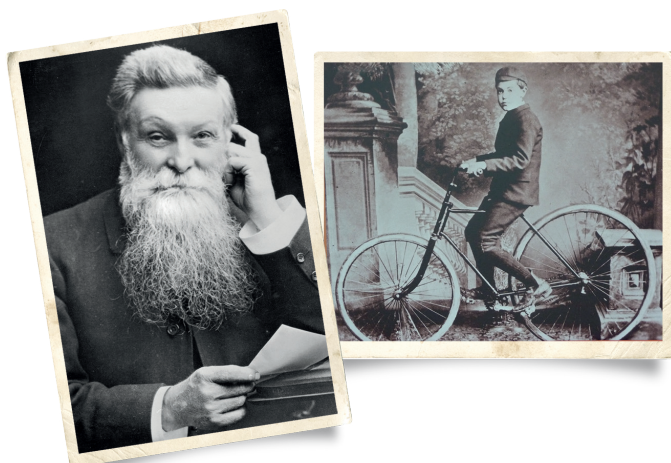


Conductive tube & cover
 $R \leq 10^6 \Omega/\text{length}$

// DUNLOP HIFLEX

// THE FIRST HOSES

Scotland, 1887. John Boyd Dunlop, a Scottish born inventive veterinarian observes his son as he's cycling down a bumpy road. The bike has hard solid rubber tyres and the ride is rough and shaky. The ride is neither fast nor particularly comfortable. He then comes up with an idea of wrapping an air filled rubber hose around the rim. In 1888 he patented the idea and the rest as we say, is history.



// A PRODUCT THAT CHANGED THE WORLD

John Dunlop's idea about air-filled rubber hoses was the beginning of an industrial manufacturing of air-filled tires and, later, a development of hydraulic and industrial hoses.

At Dunlop Hiflex, **we specialize in high and low-pressure hoses.** With the advantage of **manufacturing** in our own factories, we are leading the development of the **next generation of top-quality hoses.** Moreover, our widespread branch network throughout the Nordic Countries and Germany provides customers with an excellent service. Today we are a part of the Alfacomma Group, one of the leading manufactures of hoses in the world. But we still carry the name that originated from a Scot and bike with pride.

9

PLANTS

34

STORES

170

DISTRIBUTORS

FINLAND

Hämeenlinna
Imatra
Joensuu
Jyväskylä
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Mikkeli
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Vantaa

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Kolding

NORWAY

Bergen
Harstad
Kristiansand
Sarpsborg
Stavanger
Tromsø
Trondheim
Ålesund

GERMANY

Nürnberg



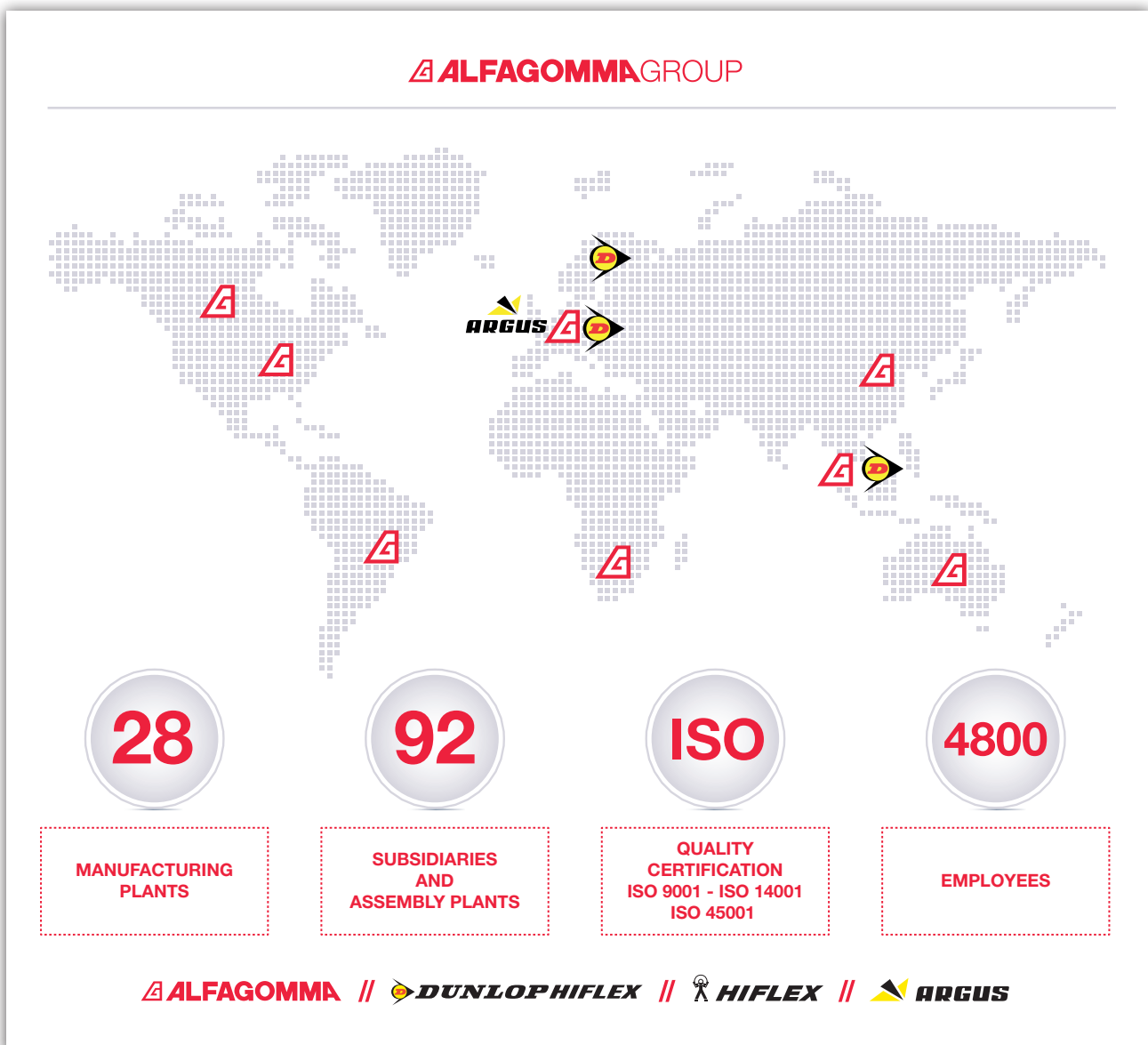
// ALFAGOMMA GROUP

Dunlop Hiflex was acquired by Alfagomma Group in 2005. The Group, established in 1956, is a global manufacturer specialized in highly engineered, technically demanding hydraulic and industrial products, created with a commitment to excellence in quality and innovation.

// RESEARCH AND DEVELOPMENT

Alfagomma is focused on continuous improvement, proven by its constant engineering innovation at product, process and production level, which has made it possible to quickly respond to evolving international regulations, improving products performance, safety and efficiency.

The company's distinguishing feature is its ability to innovate, by investing in research and development of products and materials, and designing solutions that meet customer's requirements, in compliance with international regulations.



// RIG SUPPLY

// 646AA RIGMASTER HD PETROLEUM DELIVERY

**Fuel-oil delivery 20 bar (300 psi) - Lay Flat****Tube:** black conductive NBR**Reinforcement:** high tensile textile cords**Cover:** black CR - abrasion, ozone and hydrocarbon resistant**Application:** fuel, oil and liquid mud transfer between supply vessels and offshore platforms.

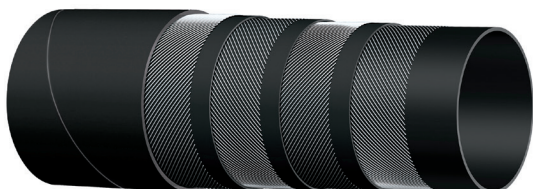
Special lay flat construction for reeling use.

Also available in self floating version.

Temperature: -30°C +80°C (-22°F +176°F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)	Floating
2015672	76,0	3"	90,0	20	60	2,400	61,000	
2018215	102,0	4"	116,0	20	60	7,350	41,000	20-20F-1 (mud)
2017560	102,0	4"	116,0	20	60	7,350	41,000	20-20F-1
2015674	102,0	4"	116,0	20	60	3,140	61,000	
2017757	127,0	5"	143,0	20	60	9,070	41,000	20-20F-1
2015676	127,0	5"	143,0	20	60	4,150	61,000	
2016885	152,0	6"	170,0	20	60	5,840	61,000	

// 645AA RIGMASTER PLUS PETROLEUM DELIVERY

**Fuel - oil delivery 27 bar (400 psi) - Lay Flat****Tube:** black conductive NBR.**Reinforcement:** high tensile textile cords.**Cover:** black CR - abrasion, ozone and hydrocarbon resistant.**Application:** fuel, oil and liquid mud transfer between supply vessels and offshore platforms.

Special lay flat construction for reeling use.

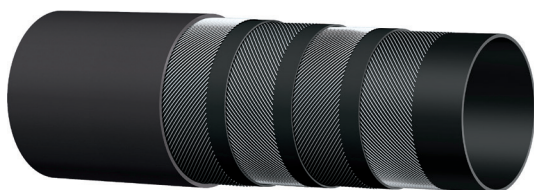
Also available in self floating version.

Temperature: -30°C +80°C (-22°F +176°F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)	Floating
2018217	102,0	4"	117,0	27	81	9,190	41,000	20-20F-1 (mud)
2018220	102,0	4"	117,0	27	81	7,490	41,000	20-20F-1
2016087	102,0	4"	117,0	27	81	3,260	61,000	
2018219	127,0	5"	144,0	20	60	12,570	41,000	20-20F-1 (mud)
2018222	127,0	5"	144,0	27	81	9,750	41,000	20-20F-1
2018214	127,0	5"	144,0	27	81	4,790	61,000	

REV.0.0

// 648AA ABS PETROLEUM DELIVERY

**Rig supply soft wall - Fuel-liquid mud 20 bar (300 psi)****Tube:** black conductive NBR.**Reinforcement:** high tensile textile cords - antistatic wire.**Cover:** black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.**Application:** fuel, oil and liquid mud transfer between supply vessels and offshore platforms.

Also suitable for sea water pumping and barite transfer.

Specially designed for reeling applications.

Tensile end load resistance:

ID 2" 2.000 kg

ID 3" 4.000 kg

ID 4" 7.000 kg

ID ≥ 5" 10.000 kg.

Electrically continuous.

Also available in self floating version.

Temperature: -30 °C +90 °C (-22 °F +194 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	BR (mm)	Weight (kg/m)	Length (m)
2014149	76,0	3"	94,0	20	80	456	2,680	61,000
2014150	102,0	4"	120,0	20	80	612	3,840	61,000
2014153	127,0	5"	147,0	20	80	762	4,800	61,000
2014154	152,0	6"	176,0	20	80	912	7,470	61,000

ABS Type approved hose assemblies.

// 620AA RIGMASTER HD PETROLEUM S&D

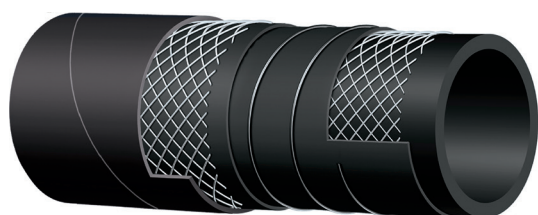
**Fuel-oil S&D 20 bar (300 psi)****Tube:** black conductive NBR**Reinforcement:** high tensile textile cords with embedded steel helix wire - antistatic wire**Cover:** black CR - abrasion, ozone and hydrocarbon resistant**Application:** fuel, oil and liquid mud transfer between supply vessels and offshore platforms.

Also available in self floating version.

Temperature: -30°C +80°C (-22°F +176°F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	BR (mm)	Vacuum %	Weight (kg/m)	Length (m)
2015486	76,0	3"	90,0	20	60	304	90,00	2,690	61,000
2015488	102,0	4"	118,0	20	60	408	90,00	3,660	61,000
2016717	127,0	5"	145,0	20	60	508	80,00	5,890	61,000

// 615AA ABS PETROLEUM S&D



Rig supply hard wall - Fuel-liquid mud 20 bar (300 psi)

Tube: black conductive NBR.

Reinforcement: high tensile textile cords with embedded steel helix wire - antistatic wire.

Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.

Application: fuel, oil and liquid mud transfer between supply vessels and offshore platforms.

Suitable for sea water pumping and barite transfer.

Reserve buoyancy calculated according to GMPHOM 2009 standard.

Tensile end load resistance:

ID 2" 2.000 kg

ID 3" 4.000 kg

ID 4" 7.000 kg

ID ≥ 5" 10.000 kg.

Electrically continuous.

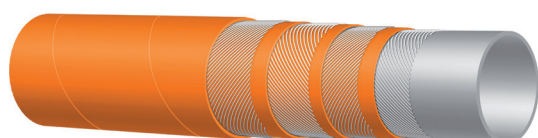
Also available in self floating version.

Temperature: -30 °C +90 °C (-22 °F +194 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	BR (mm)	Vacuum %	Weight (kg/m)	Length (m)
2013532	76,0	3"	94,0	20	80	380	90,00	3,960	61,000
2013533	102,0	4"	122,0	20	80	510	90,00	5,400	61,000
2014164	127,0	5"	149,0	20	80	635	90,00	8,300	61,000
2013588	152,0	6"	176,0	20	80	760	90,00	10,040	61,000

ABS Type approved hose assemblies.

// 446LI RIGMASTER HD POTABLE WATER DELIVERY



Potable water delivery 20 bar (300 psi) - Lay Flat

Tube: white NR.

Reinforcement: high tensile textile cords.

Cover: orange NBR/PVC - abrasion, ozone and hydrocarbon resistant.

Application: potable water transfer from supply vessels to offshore platforms.

Sterilize with 5% soda solution.

Specially lay flat construction for reeling use.

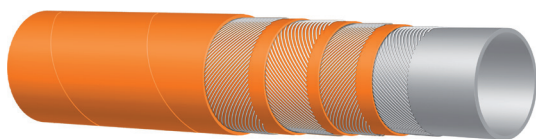
Also available in self floating version.

Temperature: -30 °C +80 °C (-22 °F +176 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)	Floating
2016746	76,0	3"	90,0	20	60	2,190	61,000	
2017953	102,0	4"	116,0	20	60	7,070	41,000	20-20F-1
2016176	102,0	4"	116,0	20	60	2,880	61,000	

REV.0.0

// 448LI ABS POTABLE WATER DELIVERY

**Rig supply soft wall - Potable water 20 bar (300 psi)****FDA****Tube:** white NR.**Reinforcement:** high tensile textile cords.**Cover:** orange NBR/PVC - abrasion, ozone and hydrocarbon resistant.**Application:** potable water transfer from supply vessels to offshore platforms.

Specially designed for reeling applications.

Sterilize with 5% soda solution.

Tensile end load resistance:

ID 2" 2.000 kg

ID 3" 4.000 kg

ID 4" 7.000 kg.

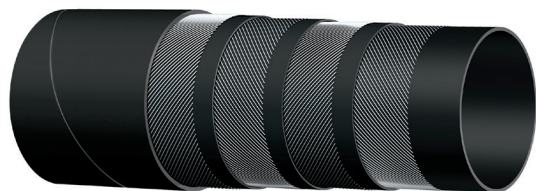
Also available in self floating version.

Temperature: -30 °C +80 °C (-22 °F +176 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	BR (mm)	Weight (kg/m)	Length (m)
2014971	76,0	3"	94,0	20	80	456	2,530	61,000
2013635	102,0	4"	120,0	20	80	612	4,210	61,000

ABS Type approved hose assemblies.

// 745AA RIGMASTER HD BULK MATERIAL DELIVERY

**Bulk material delivery - 20 bar (300 psi) - Lay Flat****Tube:** black conductive NR.**Reinforcement:** high tensile textile cords.**Cover:** black conductive CR - abrasion, ozone and hydrocarbon and flame resistant.**Application:** bulk material, barite and dry cement transfer from supply vessels to offshore platforms.

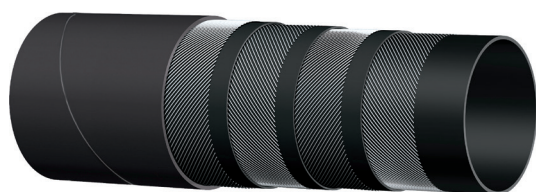
Special layflat construction for reeling use.

Also available in self floating version.

Temperature: -30°C +80°C (-22°F +176°F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)	Floating
2017561	127,0	5"	145,0	20	60	9,780	41,000	20-20F-1
2016089	127,0	5"	145,0	20	60	4,810	61,000	

// 747AA RIGMASTER PLUS BULK MATERIAL DELIVERY

**Bulk material delivery - 27 bar (400 psi) - Lay Flat**

Tube: black conductive NR.

Reinforcement: high tensile textile cords.

Cover: black conductive CR - brasion, ozone and hydrocarbon and flame resistant.

Application: bulk material, barite and dry cement transfer from supply vessels to offshore platforms.

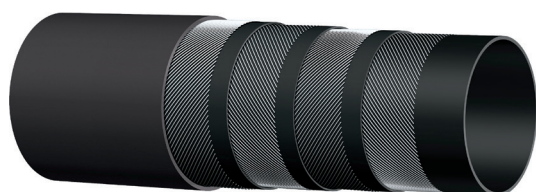
Special layflat construction for reeling use.

Also available in self floating version.

Temperature: -30°C +80°C (-22°F +176°F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)	Floating
2018224	127,0	5"	146,0	27	81	10,870	41,000	20-20F-1
2016799	127,0	5"	146,0	27	81	5,860	61,000	

// 748AA ABS BULK MATERIAL DELIVERY

**Rig supply soft wall - Bulk material 20 bar (300 psi)**

Tube: black conductive NR - abrasion resistant.

Reinforcement: high tensile textile cords - antistatic wire.

Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.

Application: bulk material, barite and dry cement transfer from supply vessels to offshore platforms.

Specially designed for reeling applications.

Tensile end load resistance:

ID 4" 6.000 kg

ID 5" 10.000 kg.

Electrically continuous.

Also available in self floating version.

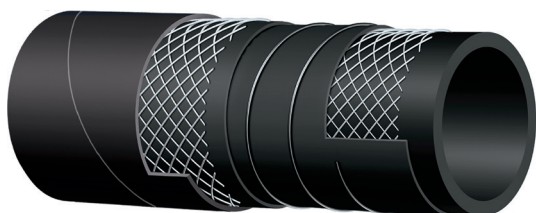
Temperature: -30 °C +80 °C (-22 °F +176 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	BR (mm)	BR (in)	Weight (kg/m)	Length (m)
2013814	102,0	4"	122,0	20	80	612	24,09	4,620	61,000
2017422	127,0	5"	149,0	20	80	762	30,00	6,490	61,000

ABS Type approved hose assemblies.

// CUTTINGS

// 622AA DRILLCUTTING S&D

**Rig supply hard wall - Fuel-liquid mud**

Tube: black conductive NBR.

Reinforcement: high tensile textile cords with embedded steel helix wire - antistatic wire

Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.

Application: fuel, oil and liquid mud transfer between supply vessels and offshore platforms.

Also suitable for sea water pumping and barite transfer.

Tensile end load resistance:

ID 3" 6.000 kg

ID ≥ 4" 10.000 kg.

Electrically continuous.

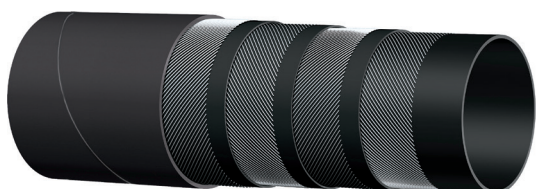
Also available in self floating version.

Temperature: -30 °C +90 °C (-22 °F +194 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	BR (mm)	Vacuum %	Weight (kg/m)	Length (m)
2013618	102,0	4"	128,0	40	160	510	90,00	7,170	61,000
2014167	127,0	5"	157,0	35	140	635	90,00	10,560	61,000

ABS Type approved hose assemblies.

// 642AA DRILLCUTTING DELIVERY

**Rig supply soft wall - Fuel-liquid mud 27 bar (400psi)**

Tube: black conductive NBR.

Reinforcement: high tensile textile cords - antistatic wire

Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.

Application: fuel, oil and liquid mud transfer between supply vessels and offshore platforms.

Also suitable for sea water pumping and barite transfer.

Tensile end load resistance:

ID ≥ 4" 10.000 kg.

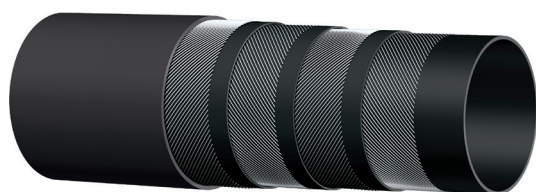
Electrically continuous.

Also available in self floating version.

Temperature: -30 °C +90 °C (-22 °F +194 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)
2016186	127,0	5"	149,0	27	108	6,550	61,000

// 648AA DRILLCUTTING DELIVERY

**Rig supply soft wall - Fuel-liquid mud 20 bar (300 psi)**

Tube: black conductive NBR.

Reinforcement: high tensile textile cords - antistatic wire.

Cover: black conductive CR - abrasion, ozone, hydrocarbon and fire resistant.

Application: fuel, oil and liquid mud transfer between supply vessels and offshore platforms.

Also suitable for sea water pumping and barite transfer.

Specially designed for reeling applications.

Tensile end load resistance:

ID 2" 2.000 kg

ID 3" 4.000 kg

ID 4" 7.000 kg

ID ≥ 5" 10.000 kg.

Electrically continuous.

Also available in self floating version.

Temperature: -30 °C +90 °C (-22 °F +194 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	BR (mm)	Weight (kg/m)	Length (m)
2014153	127,0	5"	147,0	20	80	762	4,800	61,000

ABS Type approved hose assemblies.

// RIG SUPPLY SPECIAL

// 624AA BOOTSTRAPED S&D

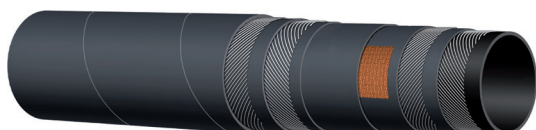
**Oil mud cargo hose - Hard wall 15 bar (225 psi)
- End load resistance 8.000 kg****Tube:** black conductive NBR.**Reinforcement:** high tensile textile cords with embedded steel helix wire - boot straps.**Cover:** black conductive CR - abrasion, ozone and hydrocarbon resistant.**Application:** fuel and oil suction and delivery.

Specially designed for liquid mud and barite transfer from supply vessel to oil rig platform or ship to ship.

Temperature: -30 °C +70 °C (-22 °F +158 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	Vacuum %	Weight (kg/m)	Length (m)
2003600	102,0	4"	128,0	15	60	90,00	7,390	61,000
2003602	127,0	5"	153,0	15	60	80,00	9,850	61,000

// 641AA BOOTSTRAPED DELIVERY

**Oil mud cargo hose - Soft wall 15 bar (225 psi)
- End load resistance 5.000 kg****Tube:** black conductive NBR.**Reinforcement:** high tensile textile fabric - boot straps.**Cover:** black conductive NBR/PVC - abrasion, ozone, hydrocarbon and fire resistant.**Application:** fuel, liquid mud and barite transfer.

Particularly suitable for drag chain application where low elongation is required.

Also suitable for electrical cables and hydraulic hose protection.

Temperature: -30 °C +70 °C (-22 °F +158 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	Weight (kg/m)	Length (m)
2008883	100,0	4"	120,0	15	45	4,950	40,000
2015470	152,0	6"	172,0	15	45	7,780	40,000
2003606	152,0	6"	172,0	15	45	7,780	61,000

// 725AA BOOTSTRAPED S&D

**Oil mud cargo hose - Hard wall 15 bar (225 psi)
- End load resistance 12.000 kg****Tube:** black conductive NBR.**Reinforcement:** high tensile textile cords with embedded steel helix wire - boot straps.**Cover:** black conductive CR - abrasion, ozone and hydrocarbon resistant.**Application:** oil based mud and abrasive material transfer. Specially designed for floating umbilical on oil recovery systems. Also suitable as protection for electrical cables and flexible hydraulic hoses in applications on oil rigs.

Special end load resistance and heavy duty construction.

Temperature: -30 °C +80 °C (-22 °F +176 °F)

Item Code	ID (mm)	ID (in)	OD (mm)	WP (bar)	BP (bar)	Vacuum %	Weight (kg/m)	Length (m)
2003666	152,0	6"	184,0	15	60	80,00	10,190	61,000



// HOSE INSERTS AND FERRULES CS

// I172810D

COMBINATION NIPPLE FOR SERRATED FERRULE

NPT Male - Serrated hose shank with collar - Plated steel



Item Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)
2310362	4"	102,0	NPT	4"
2310363	5"	127,0	NPT	5"

// I179V500

VICTAULIC COMPATIBLE STYLE

Serrated hose shank with collar - Plated steel



Item Code	ID (in)	Hose ID (mm)	Head DN (in)
2310366	4"	102,0	4"
2310367	5"	127,0	5"

// I07Q1500

COMBINATION NIPPLE FOR SERRATED FERRULE

Butt weld end - Serrated hose shank with collar - Unplated steel



Item Code	ID (in)	Hose ID (mm)	Head DN (in)
2310370	4"	102,0	4"
2310371	5"	127,0	5"

REV.0.0

// I107UDHT

Serrated ferrule - Plated steel



Item Code	ID (in)	Hose ID (mm)	Ferrule ID (mm)	L (mm)	Hose OD Range (max) (mm)
2310376	4"	102,0	126,3	140,0	124,0
2310377	5"	127,0	153,0	162,0	151,0

// I1728M00

ALFACRIMP COMBINATION NIPPLE

NPT Male complete with pre-crimped ferrule - Plated steel



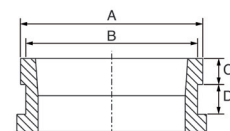
Item Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)	Head DN (mm)	Hose OD Range (min) (mm)	Hose OD Range (max) (mm)
2307565	3"	76,0	NPT	3"	76,0	104,0	109,0
2302333	4"	102,0	NPT	4"	102,0	114,0	128,0
2302334	5"	127,0	NPT	5"	127,0	139,0	153,0
2302335	6"	152,0	NPT	6"	152,0	166,0	184,0

For NPT male with serrated hose shank for crimping ferrule and DN < 76 mm: Consult ALFAGOMMA hydraulic catalogue

// I179VL00

VICTAULIC COMPATIBLE STYLE

Serrated hose shank complete with pre-crimped ferrule - WP 25 bar - Plated steel



Item Code	ID (in)	Hose ID (mm)	Head DN (in)	A (mm)	B (mm)	C (mm)	D (mm)	Hose OD Range (min) (mm)	Hose OD Range (max) (mm)
2307635	4"	102,0	4"	114,3	108,3	17,0	20,0	114,0	128,0
2307634	5"	127,0	5"	141,3	136,5	17,0	20,0	139,0	153,0

// I17BET9A

SWIVEL FLANGE - LAP JOINT FF - ASME ANSI B16.5 ASA 150**Serrated hose shank with pre-crimped ferrule - Plated steel**

Item Code	ID (in)	Hose ID (mm)	Hose OD Range (min) (mm)	Hose OD Range (max) (mm)
2307306	3"	76,0	88,0	102,0
2307308	4"	102,0	114,0	128,0
2307310	5"	127,0	139,0	153,0
2307312	6"	152,0	166,0	184,0

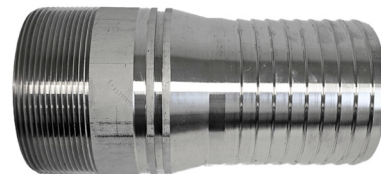
REV.0.0

// HOSE INSERTS AND FERRULES SS

// I372810D

COMBINATION NIPPLE FOR SERRATED FERRULE

NPT Male - Serrated hose shank with collar - Stainless steel 316



Item Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)
2310364	4"	102,0	NPT	4"
2310365	5"	127,0	NPT	5"

// I379V500

VICTAULIC COMPATIBLE STYLE

Serrated hose shank with collar - Stainless steel 316

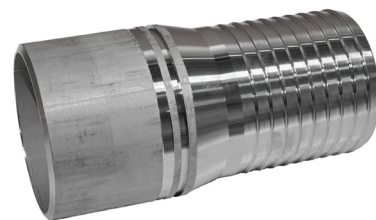


Item Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2310368	4"	102,0	4"	114,3
2310369	5"	127,0	5"	142,0

// I37Q1500

COMBINATION NIPPLE FOR SERRATED FERRULE

Butt weld end - Serrated hose shank with collar - Stainless steel 316



Item Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2310372	4"	102,0	4"	102,0
2310373	5"	127,0	5"	127,0

// I307UDHT

Serrated ferrule - Stainless steel 316



Item Code	ID (in)	Hose ID (mm)	Ferrule ID (mm)	L (mm)	Hose OD Range (max) (mm)
2310374	4"	102,0	126,3	140,0	124,0
2310375	5"	127,0	153,0	162,0	151,0

// I37BET9A

SWIVEL FLANGE - LAP JOINT FF - ASME ANSI B16.5 ASA 150

Serrated hose shank with pre-crimped ferrule - Stainless steel 316



Item Code	ID (in)	Hose ID (mm)	Thread Type	Hose OD Range (min) (mm)	Hose OD Range (max) (mm)
2307338	3"	76,0	ASA150	88,0	102,0
2307340	4"	102,0	ASA150	114,0	128,0
2307342	5"	127,0	ASA150	139,0	153,0
2307344	6"	152,0	ASA150	166,0	184,0

REV.0.0

// ONE PIECE INTERNAL SWAGING HOSE INSERTS CS

// I1I28MW0

COMBINATION NIPPLE - INTERNAL SWAGING

NPT Male - Internal swaging hose shank pre-welded to ferrule -
Plated steel



Item Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)
2311364	5"	127,0	NPT	5"

// I1I8MW0

COMBINATION NIPPLE - INTERNAL SWAGING

NPT Male - OffShore - for Hook hose lifter - Internal swaging hose
shank pre-welded to ferrule - Plated steel

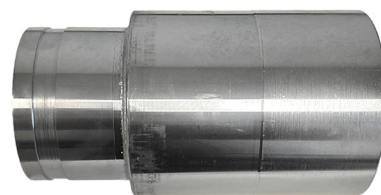


Item Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)
2311365	5"	127,0	NPT	5"

// I1I9VLW0

VICTAULIC COMPATIBLE STYLE

Internal swaging hose shank pre-welded to ferrule - Plated steel



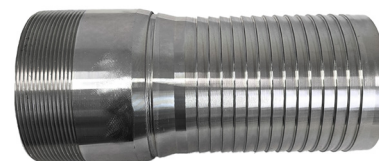
Item Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2311366	5"	127,0	5"	141,3

// INTERNAL SWAGING HOSE INSERTS AND FERRULES CS

// I1I28100

COMBINATION NIPPLE - INTERNAL SWAGING

NPT Male - Internal swaging hose shank - Plated steel



Item Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)
2308279	5"	127,0	NPT	5"

// I1IF8100

COMBINATION NIPPLE - INTERNAL SWAGING

NPT Male - OffShore - for Hook hose lifter - Internal swaging hose shank - Plated steel



Item Code	ID (in)	Hose ID (mm)	Thread Type	Thread (in)
2308879	5"	127,0	NPT	5"

// I1I9V500

VICTAULIC COMPATIBLE STYLE

Internal swaging hose shank - Plated steel



Item Code	ID (in)	Hose ID (mm)	Head DN (in)	Head DN (mm)
2308441	5"	127,0	5"	142,0

REV.0.0

// I10IU

Internal swage ferrule for combination nipple - Plated steel



Item Code	ID (in)	Hose ID (mm)	Ferrule ID (mm)	Ferrule OD (mm)	L (mm)	Hose OD Range (min) (mm)	Hose OD Range (max) (mm)
2308835	5"	127,0	150,0	158,0	177,4	147,0	147,0
2308278	5"	127,0	152,0	160,0	177,4	149,0	149,0

// DRY DISCONNECT COUPLINGS

// I3AD7828

DRY DISCONNECT COUPLING

Hose unit - NPT Female - Stainless steel 316



Item Code	DN Head 1 (in)	DN Head 1 (mm)	Thread Type 2	DN Head 2 (in)
2307651	4"	164	NPT	4"

// I5AD7828

DRY DISCONNECT COUPLING

Hose unit - NPT Female - Aluminium



Item Code	Thread Type 1	DN Head 1 (mm)	Thread Type 2	DN Head 2 (in)	DN Head 2 (mm)	Tech. Note
2309962	DRY-DISC	164	NPT	4"	102	RING HANDLE
2306360	DRY-DISC	164	NPT	4"	102	

REV.1.1

// MARINE BREAK AWAY AND WEAK LINK COUPLINGS

// I3A28828G1

SAFETY BREAK-AWAY COUPLING - MARINE

Complete coupling: NPT Female - Stainless steel 316



Item Code	Thread Type 1	Thread 1	Thread Type 2	Thread 2
2306650	NPT	4"	NPT	4"
2307654	NPT	5"	NPT	5"

// I2A28828G1

SAFETY BREAK-AWAY COUPLING - MARINE

Complete coupling: NPT Female - Stainless steel 303



Item Code	Thread Type 1	Thread 1	Thread Type 2	Thread 2
2310387	NPT	4"	NPT	4"

// I3A28828G3

SAFETY BREAK-AWAY COUPLING - WEAKLINK - UNVALVED

Complete coupling: NPT Female - Stainless steel 316



Item Code	Thread Type 1	Thread 1	Thread Type 2	Thread 2
2307579	NPT	4"	NPT	4"
2307660	NPT	5"	NPT	5"

// I2A28828G3

SAFETY BREAK-AWAY COUPLING - WEAKLINK - UNVALVED

Complete coupling: NPT Female - Stainless steel 303



Item Code	Thread Type 1	Thread 1	Thread Type 2	Thread 2
2310388	NPT	5"	NPT	5"

// HAMMER UNIONS

// I1TE66E6

HAMMER LUG UNION - FIG.50

NPT Threaded - 3 Pieces (Female/Male/Nut) complete with seal

Colour: red nut, red subs.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: o-ring in the male sub.

Application: recommended for suction and low pressure lines.

Pressure: 500 psi (35 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2306391	5"	127

// I1AE6628N

HAMMER LUG UNION - FIG.50

NPT Threaded - Male Sub Component complete with Wing Nut and seal

Colour: red nut, red sub.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: o-ring in the male sub.

Application: recommended for suction and low pressure lines.

Pressure: 500 psi (35 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2306390	5"	127

// I1AE6628

HAMMER LUG UNION - FIG.50

NPT Threaded - Male Sub Component complete with seal

Colour: red sub.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: o-ring in the male sub.

Application: recommended for suction and low pressure lines.

Pressure: 500 psi (35 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2308326	5"	127

// I1AE6828

HAMMER LUG UNION - FIG.50

NPT Threaded - Female Sub Component

Colour: red sub.

Material: ASTM A-105 Forged Carbon Steel.

Application: recommended for suction and low pressure lines.

Pressure: 500 psi (35 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2306391	5"	127

// I1DE603

HAMMER LUG UNION - FIG.50

Wing Nut

Colour: red nut.

Material: ASTM A-105 Forged Carbon Steel.

Application: recommended for suction and low pressure lines.

Pressure: 500 psi (35 bar) (cold working) - Standard Service.



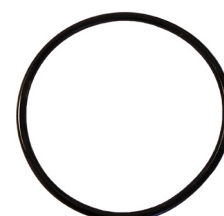
Item Code	DN Head (in)	DN Head (mm)
2308327	5"	127

// INJME6

HAMMER LUG UNION - FIG.50

O-Ring seal - NBR

Sealing: FIG.50: o-ring placed in the male sub.



Item Code	DN Head (in)	DN Head (mm)
2309753	5"	127

REV.1.1

// I1DE603NL

HAMMER LUG UNION - FIG.50

Free Lug Nut

Colour: red nut.

Material: ASTM A-105 Forged Carbon Steel.

Application: recommended for suction and low pressure lines.

Pressure: 500 psi (35 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2308328	5"	127

// I5YE6NL

HAMMER LUG UNION - FIG.50

Retaining clamp for Free Lug Nut - Aluminum



Item Code	DN Head (in)	DN Head (mm)
2308990	5"	127

// IAYE6THRPF

HAMMER LUG UNION - FIG.50

Thread Protection - Female - Rubber



Item Code	DN Head (in)	DN Head (mm)
2306673	5"	127

// IAYE6THRPM

HAMMER LUG UNION - FIG.50

Thread Protection - Male - Rubber



Item Code	DN Head (in)	DN Head (mm)
2306672	5"	127

// I1TC66C6

HAMMER LUG UNION - FIG.100

NPT Threaded - 3 Pieces (Female/Male/Nut)

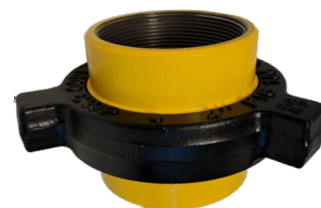
Colour: black nut, yellow subs.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: metal to metal sealing surface.

Application: recommended for air, water and oil services up to 1000 psi in manifold and line connections.

Pressure: 1.000 psi (69 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2306831	2"	51
2306830	3"	76
2303955	4"	102
2303956	5"	127
2303957	6"	152

// I1AC6628N

HAMMER LUG UNION - FIG.100

NPT Threaded - Male Sub Component complete with Wing Nut

Colour: black nut, yellow sub.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: metal to metal sealing surface.

Application: recommended for air, water and oil services up to 1000 psi in manifold and line connections.

Pressure: 1.000 psi (69 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2306392	4"	102

// I1AC6628

HAMMER LUG UNION - FIG.100

NPT Threaded - Male Sub Component

Colour: yellow sub.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: metal to metal sealing surface.

Application: recommended for air, water and oil services up to 1000 psi in manifold and line connections.

Pressure: 1.000 psi (69 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2309762	4"	102
2309763	5"	127
2309764	6"	152

REV.1.1

// I1AC6828

HAMMER LUG UNION - FIG.100

NPT Threaded - Female Sub Component

Colour: yellow sub.**Material:** ASTM A-105 Forged Carbon Steel.**Sealing:** metal to metal sealing surface.**Application:** recommended for air, water and oil services up to 1000 psi in manifold and line connections.**Pressure:** 1.000 psi (69 bar) (cold working) - Standard Service.

Item Code	DN Head (in)	DN Head (mm)
2306393	4"	102
2309760	5"	127
2309761	6"	152

// I1DC603

HAMMER LUG UNION - FIG.100

Wing Nut

Colour: black nut.**Material:** ASTM A-105 Forged Carbon Steel.**Application:** recommended for air, water and oil services up to 1000 psi in manifold and line connections.**Pressure:** 1.000 psi (69 bar) (cold working) - Standard Service.

Item Code	DN Head (in)	DN Head (mm)
2309765	4"	102
2309766	5"	127
2309767	6"	152

// I7AC6628N

HAMMER LUG UNION - FIG.100

NPT Threaded - Male Sub Component complete with Wing Nut - Bronze

Colour: black nut, yellow sub.**Material:** Bronze.**Sealing:** metal to metal sealing surface.**Application:** recommended for air, water and oil services up to 1000 psi in manifold and line connections.**Pressure:** 1.000 psi (69 bar) (cold working) - Standard Service.

Item Code	DN Head (in)	DN Head (mm)
2307577	4"	102

// I1TC96C9

HAMMER LUG UNION - FIG.200

NPT Threaded - 3 Pieces (Female/Male/Nut)

Colour: blue nut, grey subs.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: metal to metal sealing surface.

Application: recommended for air, water and oil services up to 2000 psi in manifold and line connections.

Pressure: 2.000 psi (138 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2303958	2"	51
2306567	3"	76
2306568	4"	102
2306903	5"	127
2306569	6"	152

// I1AC9628

HAMMER LUG UNION - FIG.200

NPT Threaded - Male Sub Component

Colour: grey sub.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: metal to metal sealing surface.

Application: recommended for air, water and oil services up to 2000 psi in manifold and line connections.

Pressure: 2.000 psi (138 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2309770	4"	102
2309771	5"	127
2309772	6"	152

// I1AC9828

HAMMER LUG UNION - FIG.200

NPT Threaded - Female Sub Component

Colour: grey sub.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: metal to metal sealing surface.

Application: recommended for air, water and oil services up to 2000 psi in manifold and line connections.

Pressure: 2.000 psi (138 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2306156	4"	102
2309768	5"	127
2309769	6"	152

REV.1.1

// I1DC903

HAMMER LUG UNION - FIG.200

Wing Nut

Colour: blue nut.

Material: ASTM A-105 Forged Carbon Steel.

Application: recommended for air, water and oil services up to 2000 psi in manifold and line connections.

Pressure: 2.000 psi (138 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2309773	4"	102
2309774	5"	127
2309775	6"	152

// I1TE36E3

HAMMER LUG UNION - FIG.206

NPT Threaded - 3 Pieces (Female/Male/Nut) complete with seal

Colour: blue nut, grey subs.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: similar to Figure 200. The additional seal in male sub improves the metal to metal sealing surface.

Application: recommended for air, water and oil services up to 2000 psi for use in corrosion environments.

Pressure: 2.000 psi (138 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2309421	2"	51
2307600	3"	76
2306158	4"	102
2307644	5"	127
2307645	6"	152

// I1AE3628N

HAMMER LUG UNION - FIG.206

NPT Threaded - Male Sub Component complete with Wing Nut and seal

Colour: blue nut, grey sub.

Material: ASTM A-105 Forged Carbon Steel.

Sealing: similar to Figure 200. The additional seal in male sub improves the metal to metal sealing surface.

Application: recommended for air, water and oil services up to 2000 psi for use in corrosion environments.

Pressure: 2.000 psi (138 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2306394	3"	76
2306395	4"	102
2306396	6"	152

// I1AE3828

HAMMER LUG UNION - FIG.206

NPT Threaded - Female Sub Component

Colour: grey sub.

Material: ASTM A-105 Forged Carbon Steel.

Application: recommended for air, water and oil services up to 2000 psi for use in corrosion environments.

Pressure: 2.000 psi (138 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2306397	4"	102
2309776	5"	127
2306398	6"	152

// I1DE303

HAMMER LUG UNION - FIG.206

Wing Nut

Colour: blue nut.

Material: ASTM A-105 Forged Carbon Steel.

Application: recommended for air, water and oil services up to 2000 psi for use in corrosion environments.

Pressure: 2.000 psi (138 bar) (cold working) - Standard Service.



Item Code	DN Head (in)	DN Head (mm)
2309780	4"	102
2309781	5"	127
2309782	6"	152

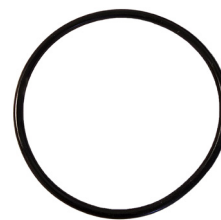
REV.1.1

// INJME3

HAMMER LUG UNION - FIG.206

O-Ring seal - NBR

Sealing: FIG.206: o-ring placed in the male sub.



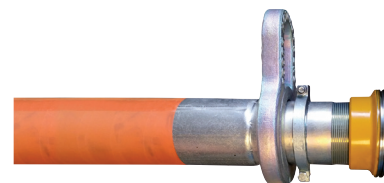
Item Code	DN Head (in)	DN Head (mm)
2309754	4"	102
2309755	5"	127
2309756	6"	152

// HOOKIES

// I1LHF1

HOOK HOSE LIFTER

Closed hose lifter - single eye - complete with retaining clamp -
Plated steel



Item Code	DN (in)
2307576	4"
2307642	5"

// I1LHF2

HOOK HOSE LIFTER

Closed hose lifter - double eye - complete with retaining clamp -
Plated steel



Item Code	DN (in)
2307383	4"
2307639	5"

// I6LHF1H

HOOK HOSE LIFTER

Closed hose lifter - single eye - Copper Aluminium Alloy (JM7)



Item Code	DN (in)
2310381	4"
2310382	5"

REV.1.1

// ADAPTERS

// I1A28528S

THREADED ADAPTER - DOUBLE NIPPLE: MALE / MALE

Close nipple without hexagone from tube schedule 40: NPT Male -
NPT Male - Plated steel



Item Code	Thread Type 1	DN Head 1 (in)	Thread Type 2	DN Head 2 (in)	L (mm)
2309679	NPT	3"	NPT	3"	70,0
2309680	NPT	4"	NPT	4"	75,0
2309681	NPT	5"	NPT	5"	85,0
2309682	NPT	6"	NPT	6"	95,0

// I1A28528R

THREADED ADAPTER - DOUBLE NIPPLE: MALE / MALE

Reducing barrel nipple without hexagone from tube: NPT Male - NPT
Male - Plated steel



Item Code	Thread Type 1	Thread 1	Thread Type 2	Thread 2
2307688	NPT	3"	NPT	2"
2307689	NPT	4"	NPT	2"
2307690	NPT	4"	NPT	3"
2307691	NPT	5"	NPT	4"
2307692	NPT	6"	NPT	5"

// FLOATERS

// RMYGFLK

HOSE FLOAT - Yellow EVA

Material: ethylene vinyl acetate (EVA).

Benefits: Low density, high buoyancy. Strong, elastic and highly shock absorbent. Watertight with 100% closed cell material. Smooth, dirt repellent surface.

Notes: Net Buoyancy (size:Kg) = 3": 17 Kg / 4": 17 Kg / 5": 15 Kg / 5L": 20 Kg



Item Code	DN (in)	Tech. Note
2303992	3"	3" ID100 OD235 L=0,6M
2303993	4"	4" ID120 OD235 L=0,6M
2303994	5"	5" ID145 OD240 L=0,6M
2306474	5"	5L" ID145 OD280 L=0,69M

the float can be held in place by fastening strips fitted into the grooves around the outer perimeter of the flotation device.



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