



**TITAN**  
TECHNOLOGIES INTERNATIONAL, INC

SUPERIOR TECHNOLOGIES • SUPERIOR SOLUTIONS™



Pullers with other metric thread pitches are available

Pullers with other thread forms are also available

**M20 Adaptor Set M22 Adaptor Set 3/4" Adaptor Set 7/8" Adaptor Set**

**1" Adaptor Set 1-1/8" Adaptor Set M24 Adaptor Set M27 Adaptor Set**



M20x2.5 Puller



M22x2.5 Puller



3/4" UNC Puller



7/8" UNC Puller



1" UNC Puller



1-1/8" UN8 Puller



M24x3 Puller



M27x3 Puller



Bridge A for 3/4", 7/8", M20 and M22



1500 bar Hydraulic Cylinder No 21

Hydraulic Cylinder with twin connections also available



Bridge B for 1", 1-1/8", M24 and M27



M20 Socket



M22 Socket



3/4" Socket



7/8" Socket



1" Socket



1-1/8" Socket



M24 Socket



M27 Socket

An adaptor set comprises one SOCKET and one PULLER to adapt the Hydraulic Cylinder and Bridge to suit another bolt size

Adaptor Sets (Puller and Socket) are also available for smaller diameters than those shown

Inch size Sockets are manufactured to fit Heavy Series Hexagon Nuts

**PRODUCT - TOOL No 21  
PRESSURE - 1500 bar**

9001 Jameel, Suit 180, Houston, TX 77040

**Toll Free:** 866.345.8484 **Phone:** 281.449.9994 **Fax:** 281.449.9996 **Email:** sales@titanti.com



Pullers with other metric thread pitches are available

Pullers with other thread forms are also available

**PRODUCT - TOOL No 22**  
**PRESSURE - 1500 bar**

1-1/4" Adaptor Set

M30 Adaptor Set

1-3/8" Adaptor Set

1-1/2" Adaptor Set

M33 Adaptor Set

M36 Adaptor Set

M39 Adaptor Set



1-1/4" UN8 Puller



M30x3.5 Puller



1-3/8" UN8 Puller



1-1/2" UN8 Puller



M33x3.5 Puller



M36x4 Puller



M39x4 Puller



Bridge C for 1-1/4" and M30



1500 bar Hydraulic Cylinder No 22

Hydraulic Cylinder with twin connections also available



Bridge D for 1-3/8", 1-1/2", M33, M36 and M39



1-1/4" Socket



M30 Socket



1-3/8" Socket



1-1/2" Socket



M33 Socket



M36 Socket



M39 Socket

An adaptor set comprises one SOCKET and one PULLER to adapt the Hydraulic Cylinder and Bridge to suit another bolt size

Adaptor Sets (Puller and Socket) are also available for smaller diameters than those shown

Inch size Sockets are manufactured to fit Heavy Series Hexagon Nuts



Pullers with other metric thread pitches are available

Pullers with other thread forms are also available

**PRODUCT - TOOL No 23**  
**PRESSURE - 1500 bar**

**M52 Adaptor Set   M48 Adaptor Set   2" Adaptor Set   1-7/8" Adaptor Set   1-3/4" Adaptor Set   1-5/8" Adaptor Set   M42 Adaptor Set   M45 Adaptor Set**



M52x5 Puller



M48x5 Puller



2" UN8 Puller



1-7/8" UN8 Puller



1-3/4" UN8 Puller



1-5/8" UN8 Puller



M42x4.5 Puller



M45x4.5 Puller



Bridge F for 2", 1-7/8", M52 and M48



1500 bar Hydraulic Cylinder No 23

Hydraulic Cylinder with twin connections also available



Bridge E for 1-5/8", 1-3/4", M42 and M45



M52 Socket



M48 Socket



2" Socket



1-7/8" Socket



1-3/4" Socket



1-5/8" Socket



M42 Socket



M45 Socket

An adaptor set comprises one SOCKET and one PULLER to adapt the Hydraulic Cylinder and Bridge to suit another bolt size

Adaptor Sets (Puller and Socket) are also available for smaller diameters than those shown

Inch size Sockets are manufactured to fit Heavy Series Hexagon Nuts



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Pullers with other metric thread pitches are available

Pullers with other thread forms are also available

**PRODUCT - TOOL No 29**  
**PRESSURE - 1500 bar**

**M52 Adaptor Set M48 Adaptor Set 2" Adaptor Set 1-7/8" Adaptor Set**

**2-1/4" Adaptor Set M56 Adaptor Set**



M52x5 Puller M48x5 Puller 2" UN8 Puller 1-7/8" UN8 Puller



2-1/4" UN8 Puller M56x5.5 Puller



Bridge for 2", 1-7/8", M52 and M48



Hydraulic Cylinder with twin connections also available

1500 bar Hydraulic Cylinder No 29



Bridge for 2-1/4" and M56



M52 Socket M48 Socket 2" Socket 1-7/8" Socket



2-1/4" Socket M56 Socket

An adaptor set comprises one SOCKET and one PULLER to adapt the Hydraulic Cylinder and Bridge to suit another bolt size

Adaptor Sets (Puller and Socket) are also available for smaller diameters than those shown

Inch size Sockets are manufactured to fit Heavy Series Hexagon Nuts

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**PRODUCT - TOOL No 24**  
**PRESSURE - 1500 bar**

Pullers with other metric thread pitches are available

Pullers with other thread forms are also available

**M64 Adaptor Set**

**M56 Adaptor Set**

**2-1/2" Adaptor Set**

**2-1/4" Adaptor Set**



M64x6 Puller



M56x5.5 Puller

Hydraulic Cylinder with twin connections also available



1500 bar Hydraulic Cylinder No 24



2-1/2" UN8 Puller



2-1/4" UN8 Puller



M64 Socket



M56 Socket



Bridge G for 2-1/4", 2-1/2", M56 and M64



2-1/2" Socket



2-1/4" Socket

An adaptor set comprises one SOCKET and one PULLER to adapt the Hydraulic Cylinder and Bridge to suit another bolt size

Adaptor Sets (Puller and Socket) are also available for smaller diameters than those shown

Inch size Sockets are manufactured to fit Heavy Series Hexagon Nuts

**PRODUCT - TOOL No 25**  
**PRESSURE - 1500 bar**

Pullers with other metric thread pitches are available

Pullers with other thread forms are also available

**M76 Adaptor Set**

**M72 Adaptor Set**

**3" Adaptor Set**

**2-3/4" Adaptor Set**



M76x6 Puller



M72x6 Puller

Hydraulic Cylinder with twin connections also available



1500 bar Hydraulic Cylinder No 25



3" UN8 Puller



2-3/4" UN8 Puller



M76 Socket



M72 Socket



Bridge H for 2-3/4", 3", M72 and M76



3" Socket



2-3/4" Socket

An adaptor set comprises one SOCKET and one PULLER to adapt the Hydraulic Cylinder and Bridge to suit another bolt size

Adaptor Sets (Puller and Socket) are also available for smaller diameters than those shown

Inch size Sockets are manufactured to fit Heavy Series Hexagon Nuts

**PRODUCT - TOOL No 26**  
**PRESSURE - 1500 bar**

Pullers with other metric thread pitches are available

Pullers with other thread forms are also available

**M90 Adaptor Set**

**M80 Adaptor Set**

**3-1/2" Adaptor Set**

**3-1/4" Adaptor Set**



M90x6 Puller



M80x6 Puller

Hydraulic Cylinder with twin connections also available



1500 bar Hydraulic Cylinder No 26



3-1/2" UN8 Puller



3-1/4" UN8 Puller



M90 Socket



M80 Socket



Bridge I for 3-1/4", 3-1/2", M80 and M90



3-1/2" Socket



3-1/4" Socket

An adaptor set comprises one **SOCKET** and one **PULLER** to adapt the Hydraulic Cylinder and Bridge to suit another bolt size

Adaptor Sets (Puller and Socket) are also available for smaller diameters than those shown

Inch size Sockets are manufactured to fit Heavy Series Hexagon Nuts

**PRODUCT - TOOL No 27  
PRESSURE - 1500 bar**

Pullers with other metric thread pitches are available

Pullers with other thread forms are also available

**M100 Adaptor Set**

**M95 Adaptor Set**

**3-3/4" Adaptor Set**

**4" Adaptor Set**



M100x6 Puller



M95x6 Puller

Hydraulic Cylinder with twin connections also available



1500 bar Hydraulic Cylinder No 27



3-3/4" UN8 Puller



4" UN8 Puller



Bridge for M100 only



Bridge M95 only



Bridge for 3-3/4" only



Bridge 4 inch only



M100 Socket



M95 Socket



Universal Bridge J  
for 3-3/4", 4", M95 and M100



3-3/4" Socket



4" Socket

An adaptor set comprises one SOCKET and one PULLER to adapt the Hydraulic Cylinder and Bridge to suit another bolt size

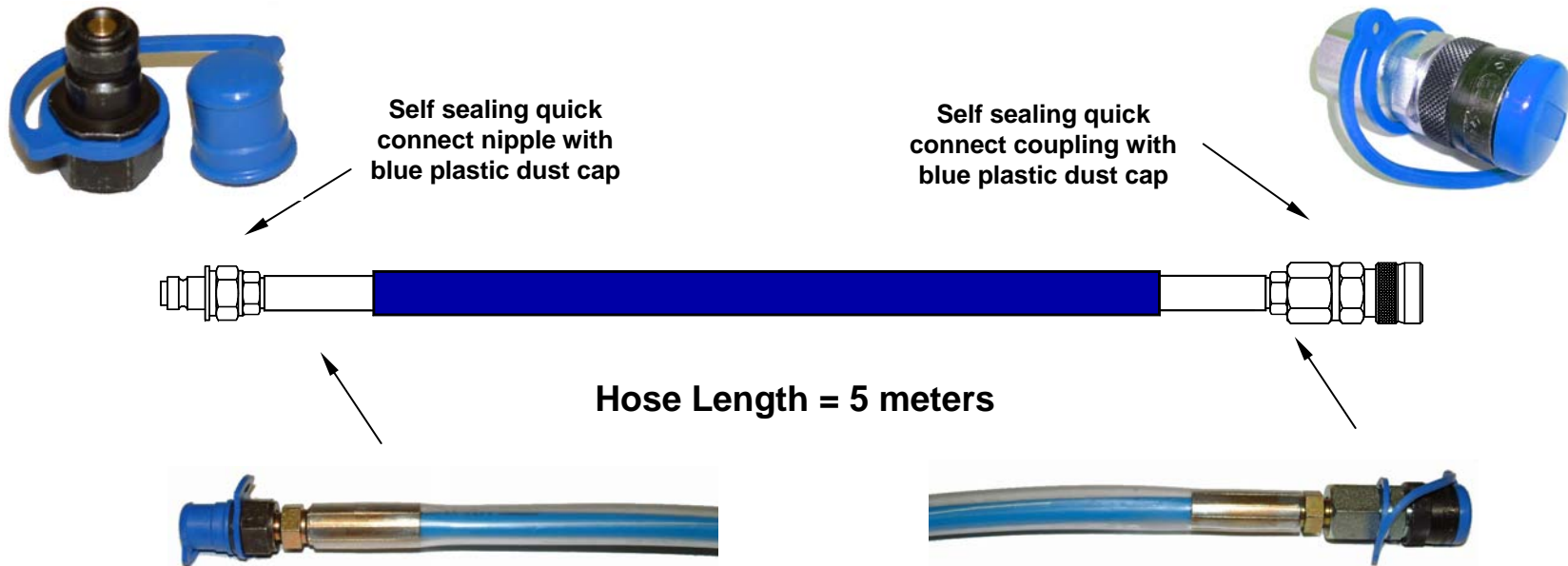
Adaptor Sets (Puller and Socket) are also available for smaller diameters than those shown

Inch size Sockets are manufactured to fit Heavy Series Hexagon Nuts

**PRODUCT - HYDRAULIC HOSE  
PRESSURE - 1500 bar**

**5 m Link Hose (Coupling - Nipple) Part No T-1540-5**

This 1500 bar working pressure hose is manufactured from multi spiral reinforced high pressure flexible hose, colour coded BLUE. The hoses are delivered fully assembled with self sealing quick connect couplings and nipples for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. Hoses are assembled, filled with oil and pressure tested prior to despatch. Test certificates are supplied. All hoses are marked with serial numbers for identification. Hoses are assembled with a clear PVC cover for additional protection against abrasion and chemical attack. Minimum burst pressure is 4500 bar and the minimum bend radius is 150 mm. This hose assembly conforms to the European Pressure Equipment Directive and is CE Marked.

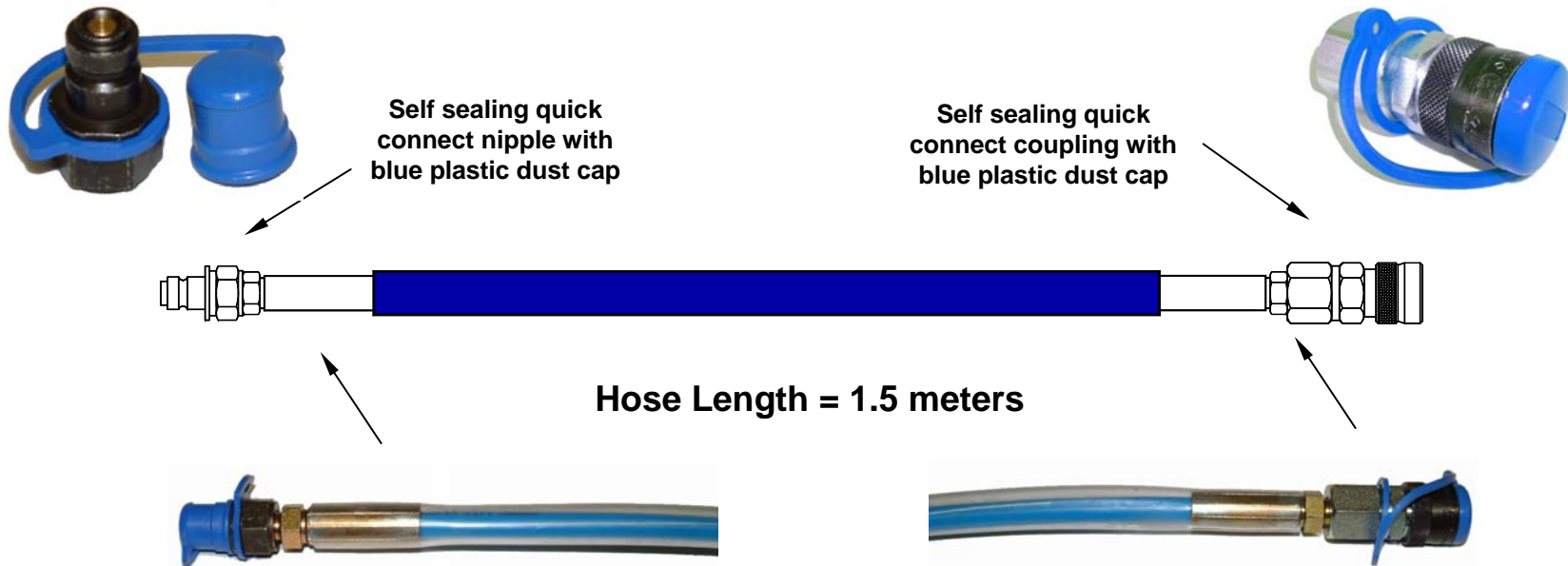


**CE Marked**

**PRODUCT - HYDRAULIC HOSE  
PRESSURE - 1500 bar**

### 5 m Link Hose (Coupling - Nipple) Part No T-1540-1.5

This 1500 bar working pressure hose is manufactured from multi spiral reinforced high pressure flexible hose, colour coded BLUE. The hoses are delivered fully assembled with self sealing quick connect couplings and nipples for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. Hoses are assembled, filled with oil and pressure tested prior to despatch. Test certificates are supplied. All hoses are marked with serial numbers for identification. Hoses are assembled with a clear PVC cover for additional protection against abrasion and chemical attack. Minimum burst pressure is 4500 bar and the minimum bend radius is 150 mm. This hose assembly conforms to the European Pressure Equipment Directive and is CE Marked.

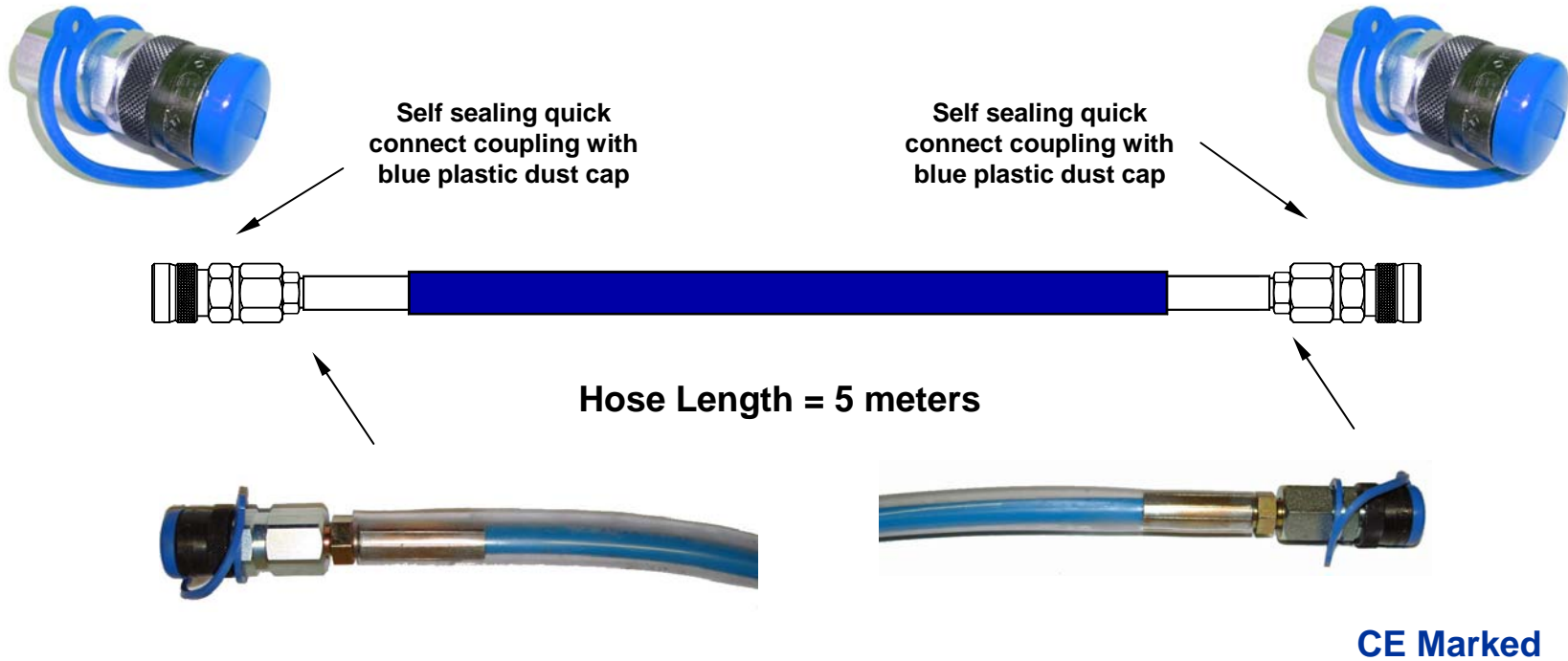


**CE Marked**

**PRODUCT - HYDRAULIC HOSE  
PRESSURE - 1500 bar**

### 5 m Link Hose (Coupling - Coupling) Part No T-1541-5

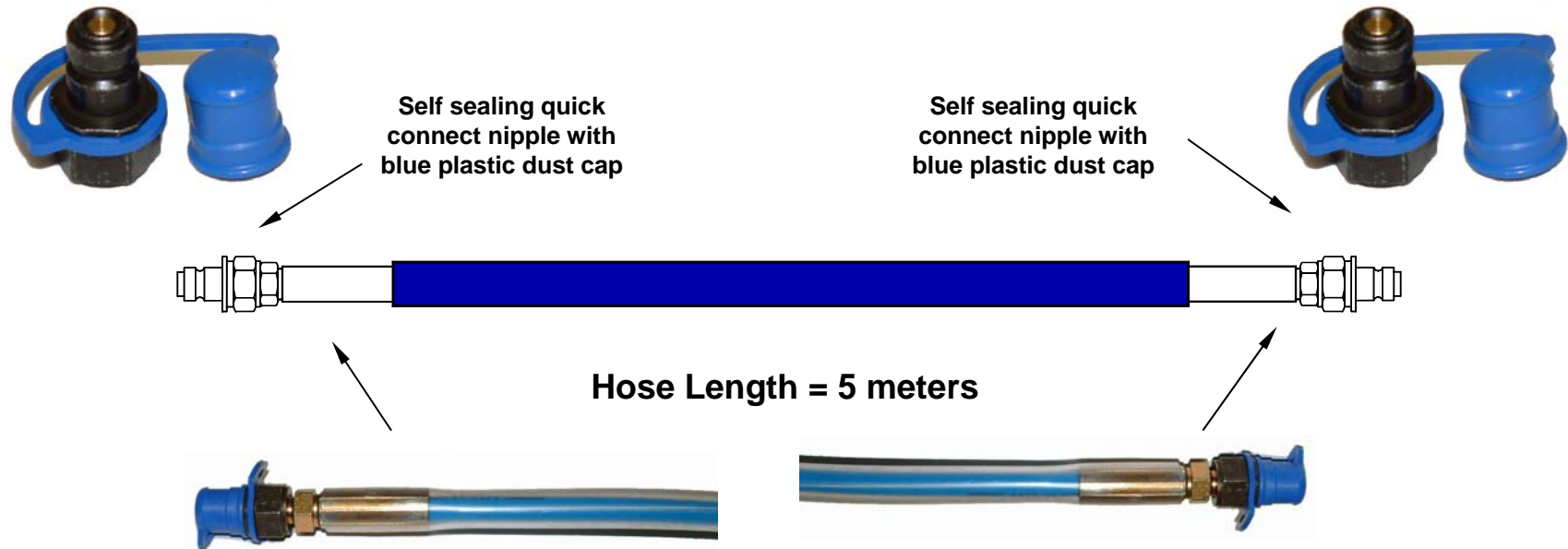
This 1500 bar working pressure hose is manufactured from multi spiral reinforced high pressure flexible hose, colour coded BLUE. The hoses are delivered fully assembled with self sealing quick connect couplings for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. Hoses are assembled, filled with oil and pressure tested prior to despatch. Test certificates are supplied. All hoses are marked with serial numbers for identification. Hoses are assembled with a clear PVC cover for additional protection against abrasion and chemical attack. Minimum burst pressure is 4500 bar and the minimum bend radius is 150 mm. This hose assembly conforms to the European Pressure Equipment Directive and is CE Marked.



**PRODUCT - HYDRAULIC HOSE  
PRESSURE - 1500 bar**

### 5 m Link Hose (Nipple - Nipple) Part No T-1542-5

This 1500 bar working pressure hose is manufactured from multi spiral reinforced high pressure flexible hose, colour coded BLUE. The hoses are delivered fully assembled with self sealing quick connect nipples for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. Hoses are assembled, filled with oil and pressure tested prior to despatch. Test certificates are supplied. All hoses are marked with serial numbers for identification. Hoses are assembled with a clear PVC cover for additional protection against abrasion and chemical attack. Minimum burst pressure is 4500 bar and the minimum bend radius is 150 mm. This hose assembly conforms to the European Pressure Equipment Directive and is CE Marked.



**CE Marked**

**PRODUCT - HYDRAULIC HOSE  
PRESSURE - 1500 bar**

### 1.3m Interconnecting Hose (Coupling - Nipple - Coupling) Part No T-1548-1.3

This 1500 bar working pressure interconnecting hose is manufactured from multi spiral reinforced high pressure flexible hose, colour coded BLUE. The hoses are delivered fully assembled with tee block, self sealing quick connect couplings and nipple for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. Hoses are assembled, filled with oil and pressure tested prior to despatch. Test certificates are supplied. All hoses are marked with serial numbers for identification. Hoses are assembled with a clear PVC cover for additional protection against abrasion and chemical attack. Minimum burst pressure is 4500 bar and the minimum bend radius is 150 mm. This hose assembly conforms to the European Pressure Equipment Directive and is CE Marked.



**Hose Length = 1.3 meters**

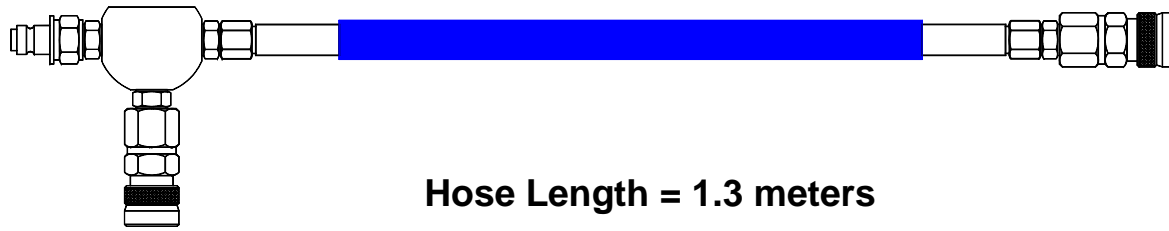


**CE Marked**

**PRODUCT - HYDRAULIC HOSE  
PRESSURE - 1500 bar**

### 1.3m Interconnecting Hose (Coupling - Coupling - Nipple) Part No T-1549-1.3

This 1500 bar working pressure interconnecting hose is manufactured from multi spiral reinforced high pressure flexible hose, colour coded BLUE. The hoses are delivered fully assembled with tee block, self sealing quick connect couplings and nipple for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. Hoses are assembled, filled with oil and pressure tested prior to despatch. Test certificates are supplied. All hoses are marked with serial numbers for identification. Hoses are assembled with a clear PVC cover for additional protection against abrasion and chemical attack. Minimum burst pressure is 4500 bar and the minimum bend radius is 150 mm. This hose assembly conforms to the European Pressure Equipment Directive and is CE Marked.



Hose Length = 1.3 meters



**CE Marked**

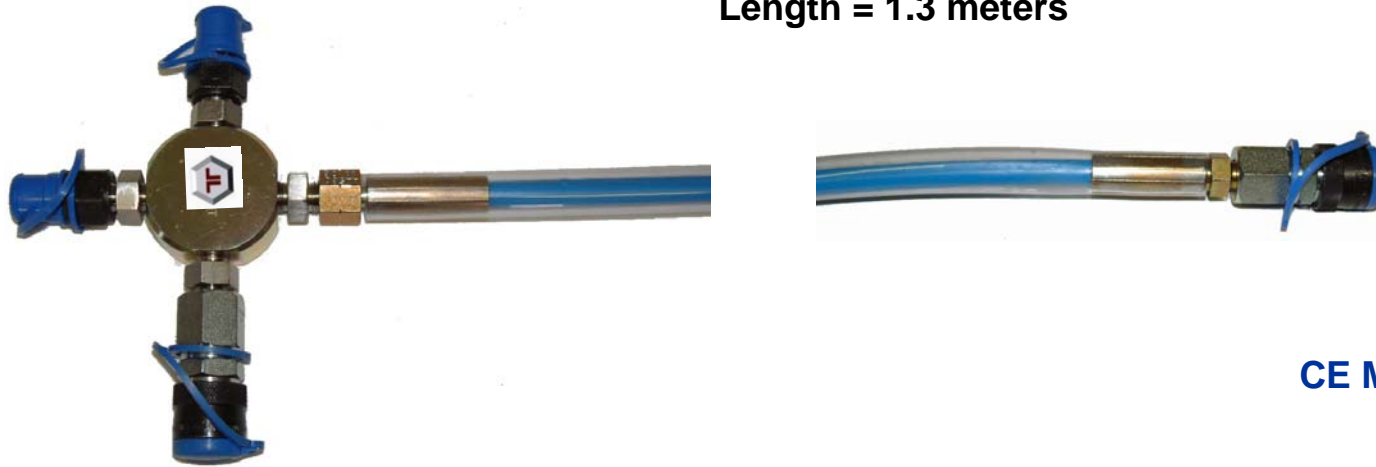
**PRODUCT - HYDRAULIC HOSE  
PRESSURE - 1500 bar**

### 1.3m Interconnecting Hose (Coupling - Coupling - Nipple - Nipple) Part No T-1550-1.3

This 1500 bar working pressure interconnecting hose is manufactured from multi spiral reinforced high pressure flexible hose, colour coded BLUE. The hoses are delivered fully assembled with tee block, self sealing quick connect couplings and nipple for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. Hoses are assembled, filled with oil and pressure tested prior to despatch. Test certificates are supplied. All hoses are marked with serial numbers for identification. Hoses are assembled with a clear PVC cover for additional protection against abrasion and chemical attack. Minimum burst pressure is 4500 bar and the minimum bend radius is 150 mm. One of these interconnecting hoses used in a full ring main harness provides a spare quick connect nipple for connecting the hose from the pump. This hose assembly conforms to the European Pressure Equipment Directive and is CE Marked.



Length = 1.3 meters



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**PRODUCT - HYDRAULIC HOSE  
PRESSURE - 1500 bar**

### 1.3m Interconnecting Hose (Coupling - Nipple - Coupling - Nipple) Part No T-1558-1.3

This 1500 bar working pressure interconnecting hose is manufactured from multi spiral reinforced high pressure flexible hose, colour coded BLUE. The hoses are delivered fully assembled with tee block, self sealing quick connect couplings and nipple for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. Hoses are assembled, filled with oil and pressure tested prior to despatch. Test certificates are supplied. All hoses are marked with serial numbers for identification. Hoses are assembled with a clear PVC cover for additional protection against abrasion and chemical attack. Minimum burst pressure is 4500 bar and the minimum bend radius is 150 mm. One of these interconnecting hoses used in a full ring main harness provides a spare quick connect nipple for connecting the hose from the pump. This hose assembly conforms to the European Pressure Equipment Directive and is CE Marked.



**Hose Length = 1.3 meters**



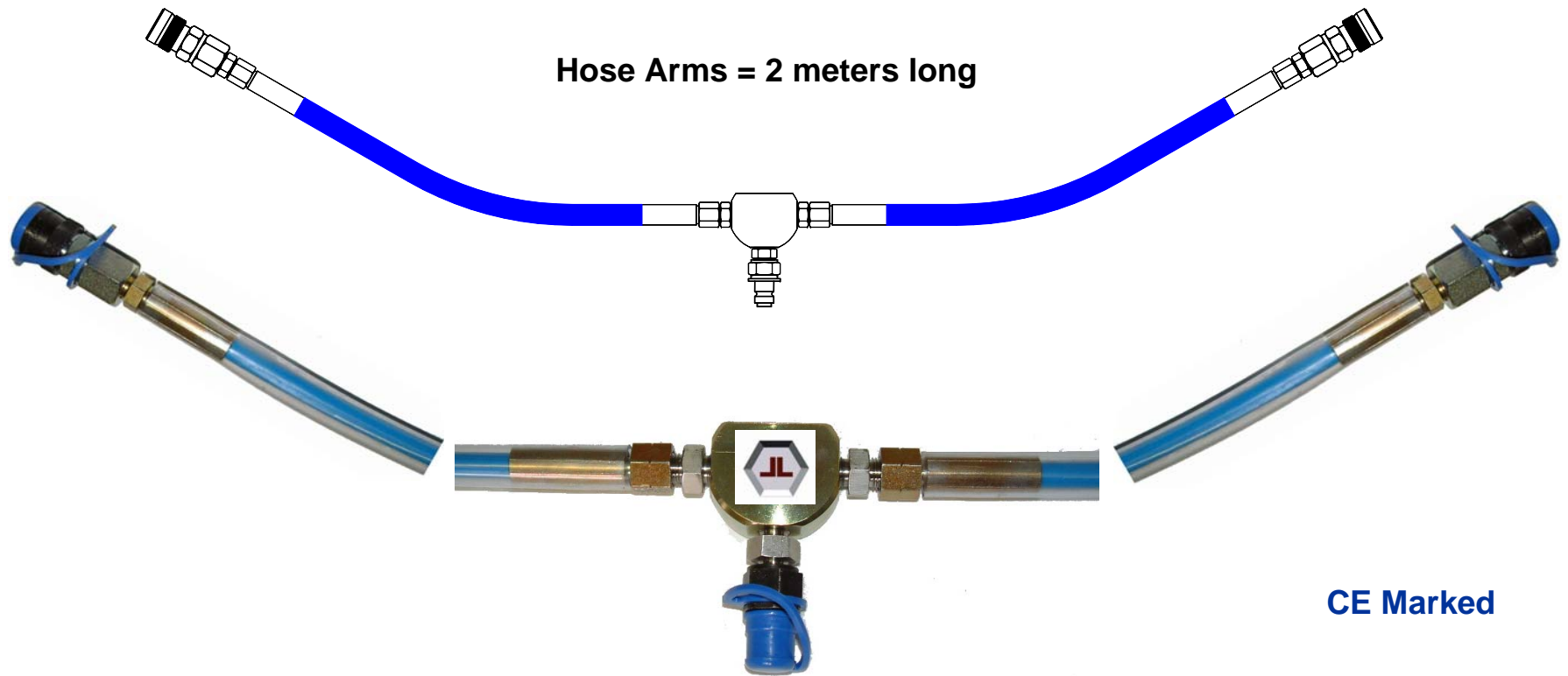
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**PRODUCT - HYDRAULIC HOSE  
PRESSURE - 1500 bar**

### Y Hose (Coupling - Nipple - Coupling) Part No T-1556-2

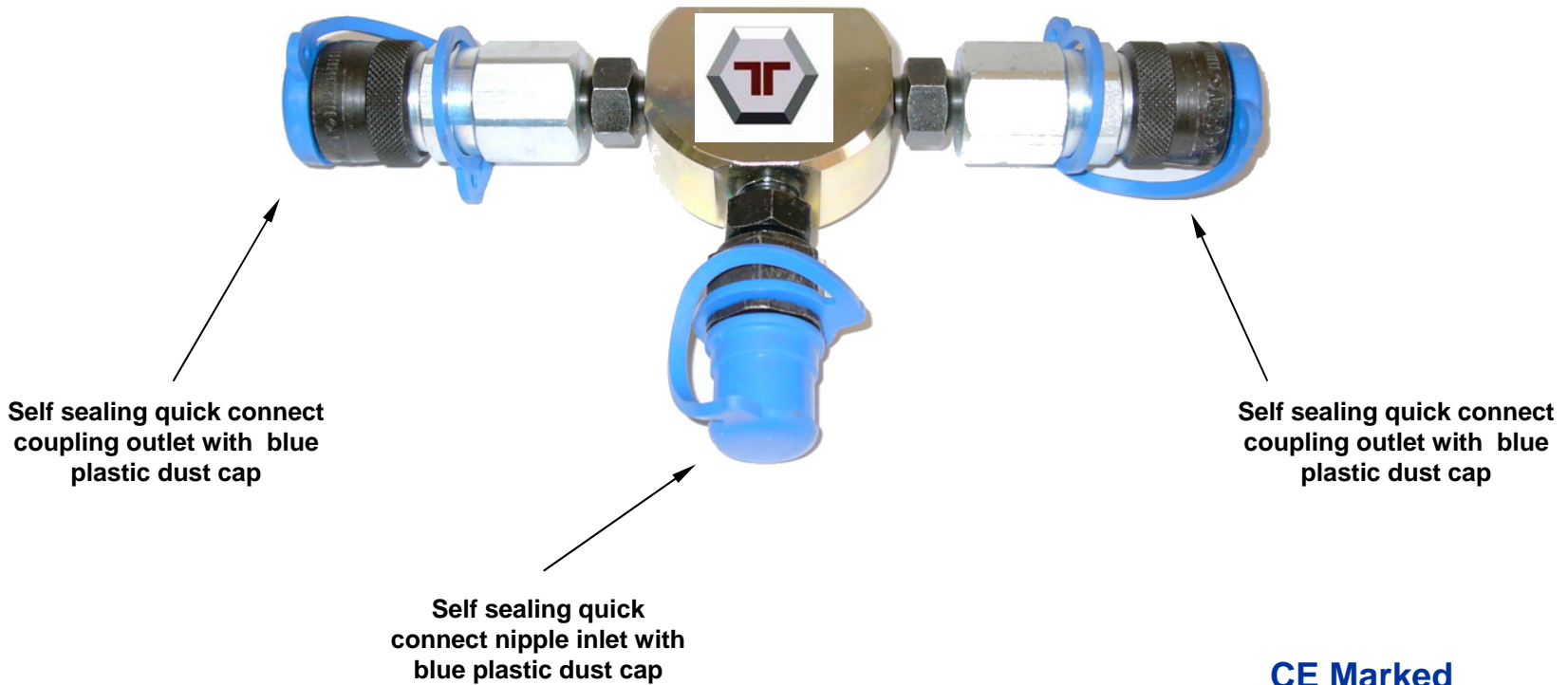
This 1500 bar working pressure Y hose assembly is manufactured from multi spiral reinforced high pressure flexible hose, colour coded BLUE. The Y hose is delivered fully assembled with self sealing quick connect couplings for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. Y hoses are assembled, filled with oil and pressure tested prior to despatch. Test certificates are supplied. All hoses are marked with serial numbers for identification. Hoses are assembled with a clear PVC cover for additional protection against abrasion and chemical attack. Minimum burst pressure is 4500 bar and the minimum bend radius is 150 mm. The arms of the Y hose are each 2m long. This hose assembly conforms to the European Pressure Equipment Directive and is CE Marked.



## Tee Block (Coupling - Nipple - Coupling) Part No T-1543

This tee block is designed for 1500 bar working pressure. The tee is delivered fully assembled with self sealing quick connect couplings and nipple for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. The tee is assembled, filled with oil and pressure tested prior to despatch. Test certificates are provided. All tee blocks are marked with the maximum working pressure, the part number and a serial number for identification. This tee block conforms to the European Pressure Equipment Directive and is CE Marked.

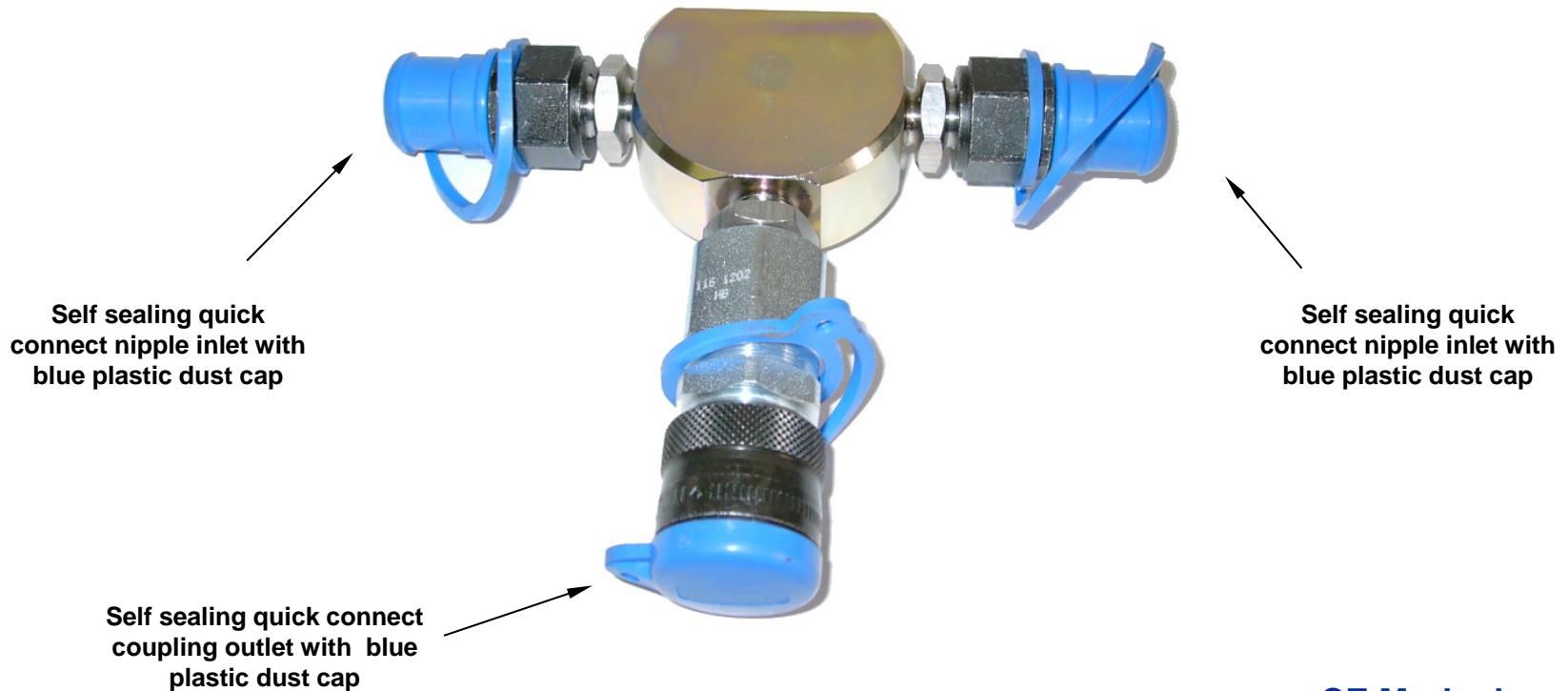
**PRODUCT - TEE BLOCK  
PRESSURE - 1500 bar**



## Tee Block (Nipple - Coupling - Nipple) Part No T-1544

This tee block is designed for 1500 bar working pressure. The tee is delivered fully assembled with self sealing quick connect couplings and nipple for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. The tee is assembled, filled with oil and pressure tested prior to despatch. Test certificates are provided. All tee blocks are marked with the maximum working pressure, the part number and a serial number for identification. This tee block conforms to the European Pressure Equipment Directive and is CE Marked.

**PRODUCT - TEE BLOCK  
PRESSURE - 1500 bar**

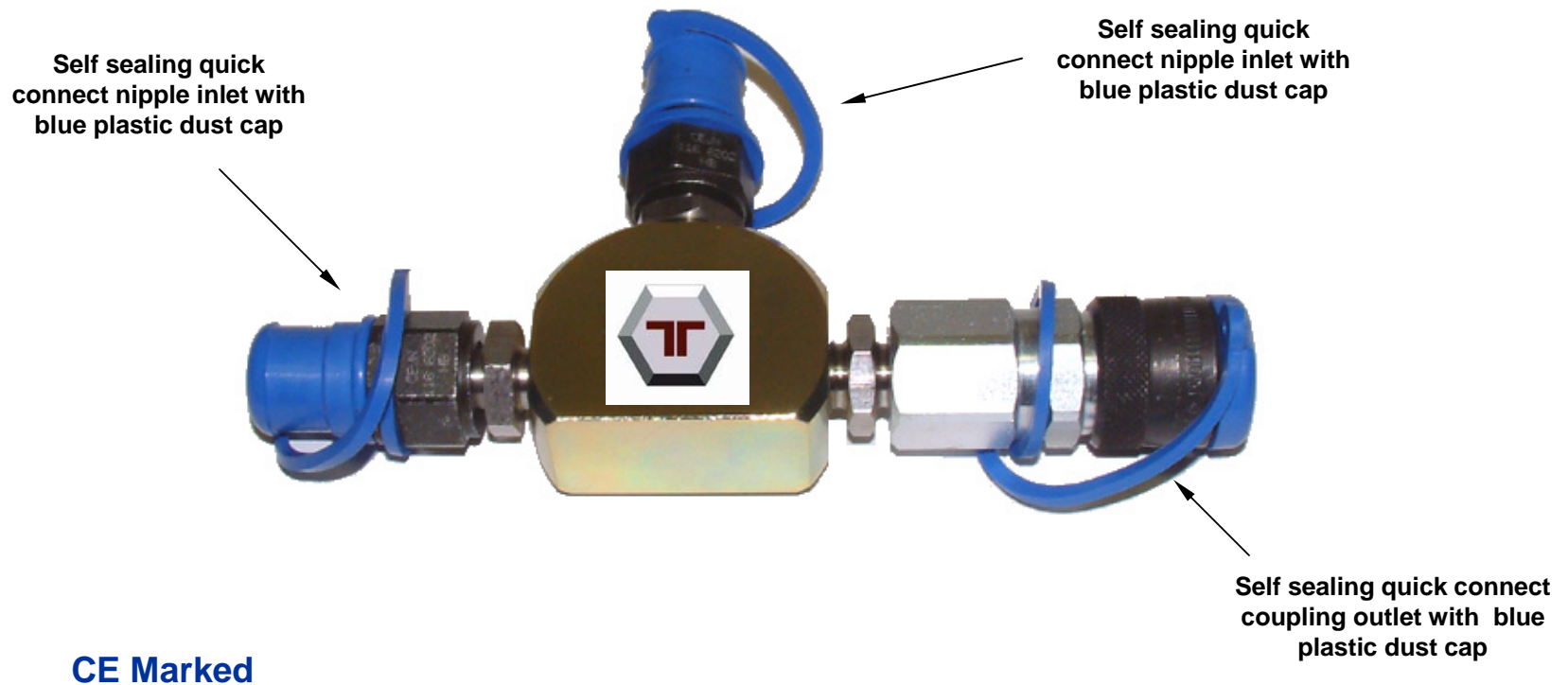


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## Tee Block (Nipple - Nipple - Coupling) Part No T-1547

This tee block is designed for 1500 bar working pressure. The tee is delivered fully assembled with self sealing quick connect couplings and nipple for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. The tee is assembled, filled with oil and pressure tested prior to despatch. Test certificates are provided. All tee blocks are marked with the maximum working pressure, the part number and a serial number for identification. This tee block conforms to the European Pressure Equipment Directive and is CE Marked.

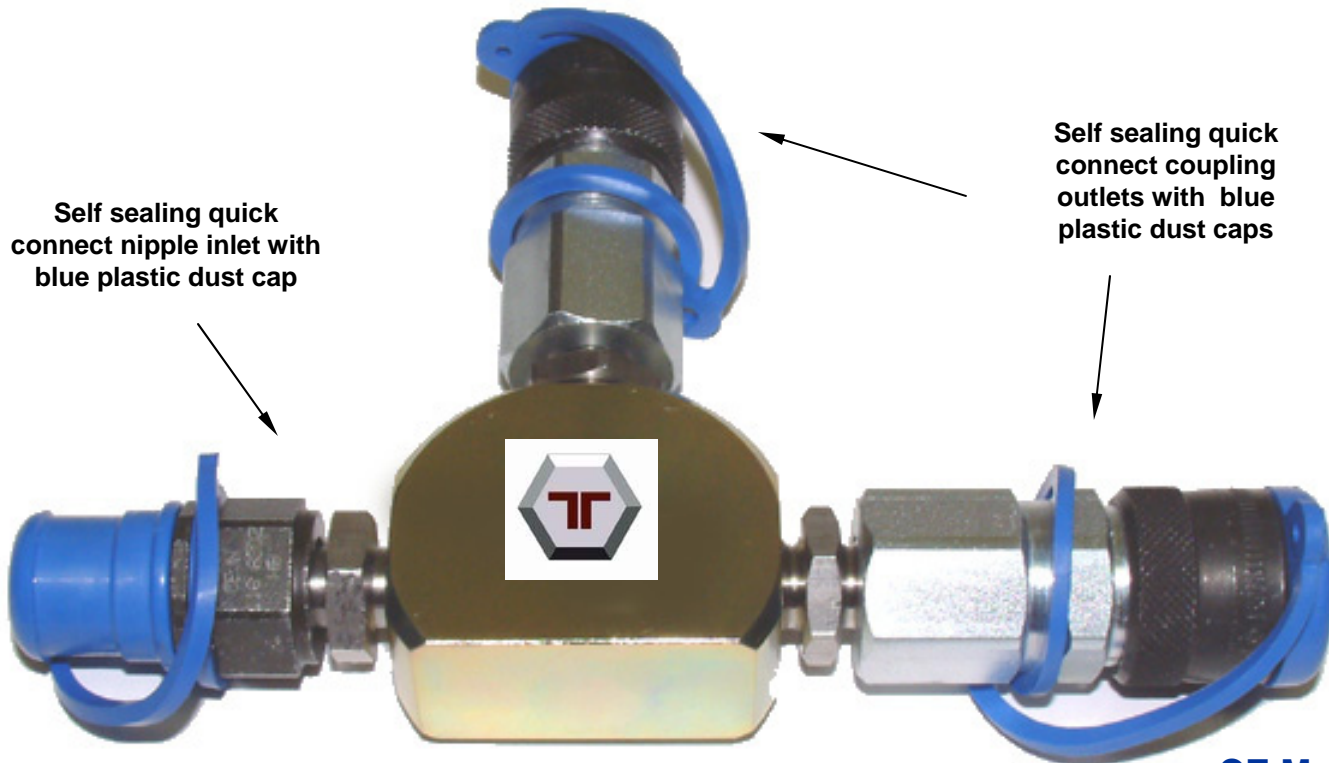
**PRODUCT - TEE BLOCK  
PRESSURE - 1500 bar**



## Tee Block (Nipple - Coupling - Coupling) Part No T-1557

This tee block is designed for 1500 bar working pressure. The tee is delivered fully assembled with self sealing quick connect couplings and nipple for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. The tee is assembled, filled with oil and pressure tested prior to despatch. Test certificates are provided. All tee blocks are marked with the maximum working pressure, the part number and a serial number for identification. This tee block conforms to the European Pressure Equipment Directive and is CE Marked.

**PRODUCT - TEE BLOCK  
PRESSURE - 1500 bar**



Self sealing quick connect nipple inlet with blue plastic dust cap

Self sealing quick connect couplings with blue plastic dust caps

**CE Marked**



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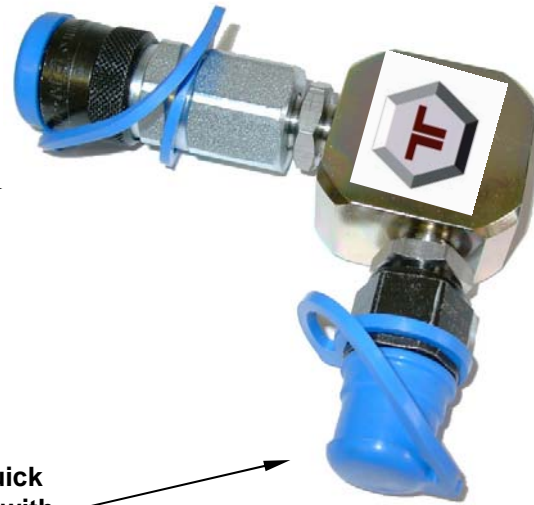
**PRODUCT - ELBOW BLOCK  
PRESSURE - 1500 bar**

## Elbow Block (Coupling - Nipple) Part No T-1545

This elbow block is designed for 1500 bar working pressure. The elbow is delivered fully assembled with self sealing quick connect coupling and nipple for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. The elbow is assembled, filled with oil and pressure tested prior to despatch. Test certificates are provided. All elbows are marked with the maximum working pressure, the part number and a serial number for identification. This elbow assembly conforms to the European Pressure Equipment Directive and is CE Marked.

Self sealing quick  
connect coupling with  
blue plastic dust cap

Self sealing quick  
connect nipple with  
blue plastic dust cap

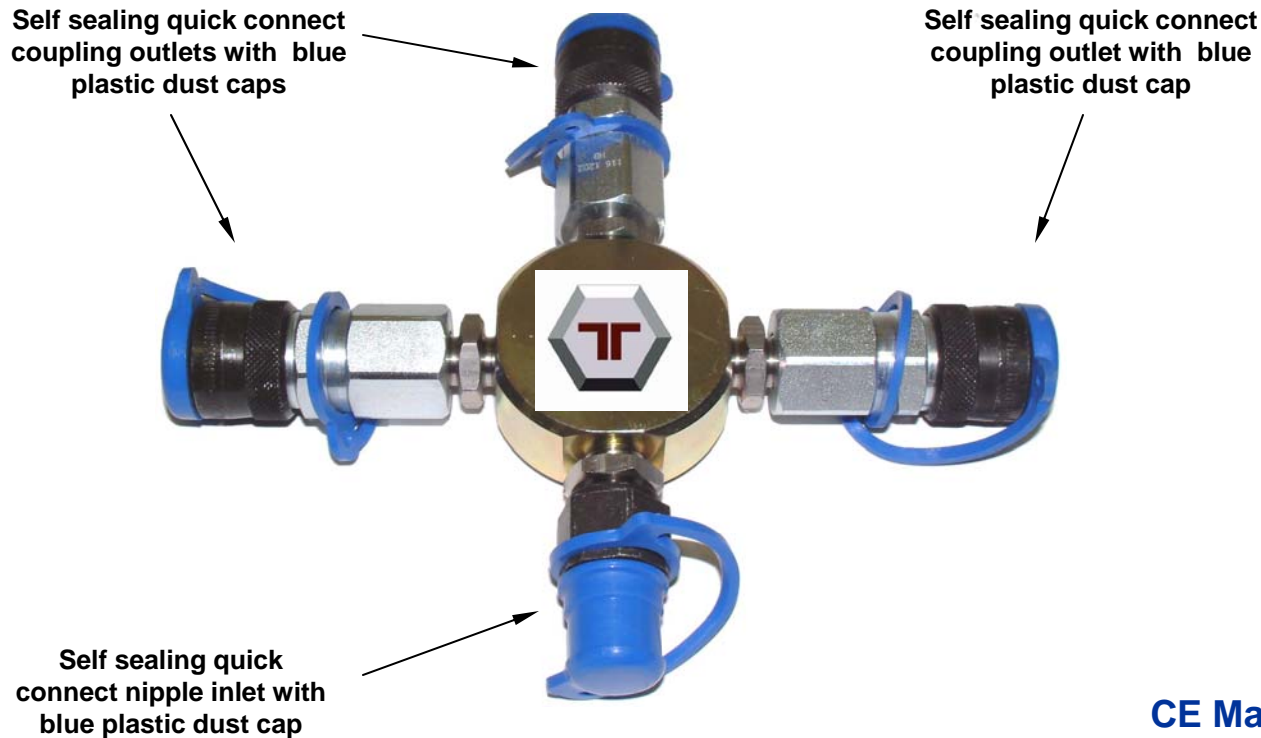


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**PRODUCT - CROSS BLOCK  
PRESSURE - 1500 bar**

## Cross Block (Nipple - Coupling - Coupling - Coupling) Part No T-1546

This cross block is designed for 1500 bar working pressure. The cross is delivered fully assembled with self sealing quick connect couplings and nipple for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. The cross is assembled, filled with oil and pressure tested prior to despatch. Test certificates are provided. All cross blocks are marked with the maximum working pressure, the part number and a serial number for identification. This cross block conforms to the European Pressure Equipment Directive and is CE Marked.





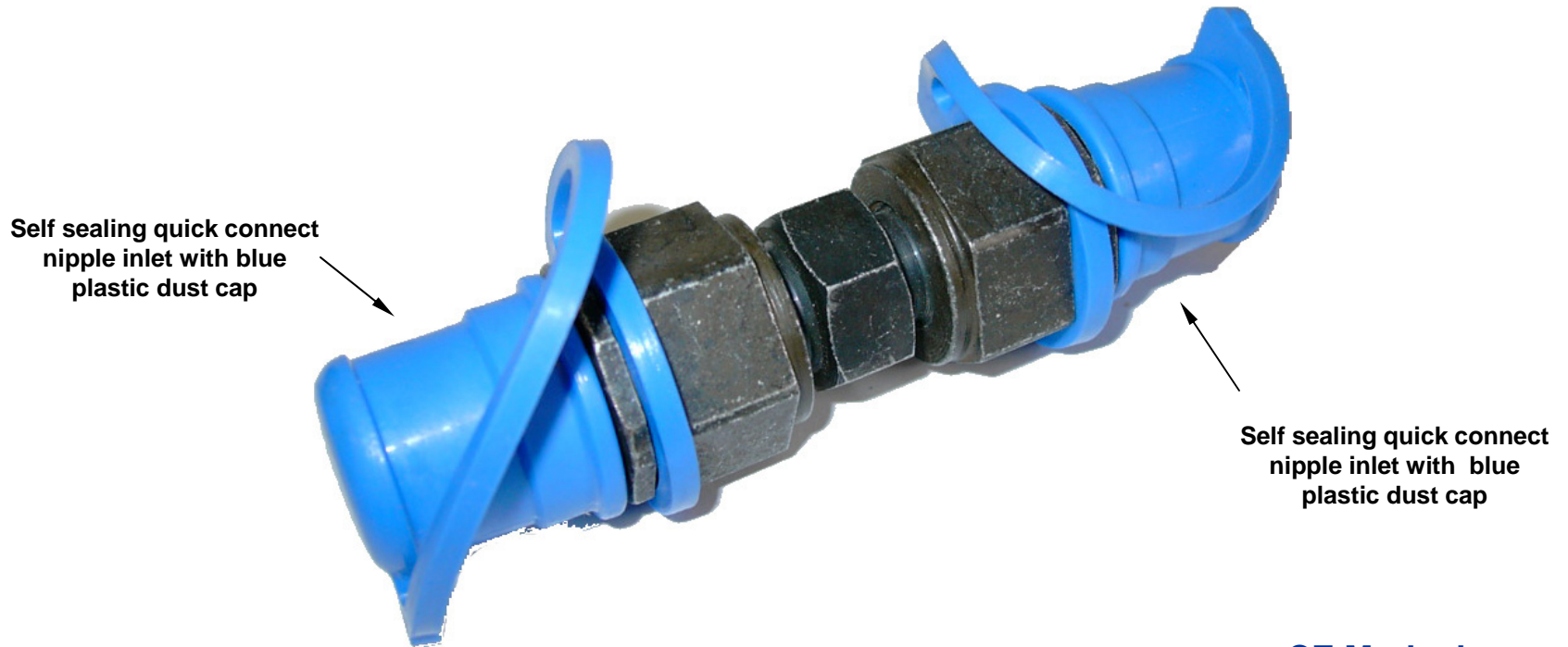
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**PRODUCT - GENDER CHANGER  
PRESSURE - 1500 bar**

## Gender Changer (Nipple -Nipple) Part No T-1552

This gender changer is designed for 1500 bar working pressure. It is delivered fully assembled with self sealing quick connect nipples for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. The gender changer is assembled, filled with oil and pressure tested prior to despatch. Test certificates are provided. All gender changers are marked with the maximum working pressure, the part number and a serial number for identification. This gender changer conforms to the European Pressure Equipment Directive and is CE Marked.



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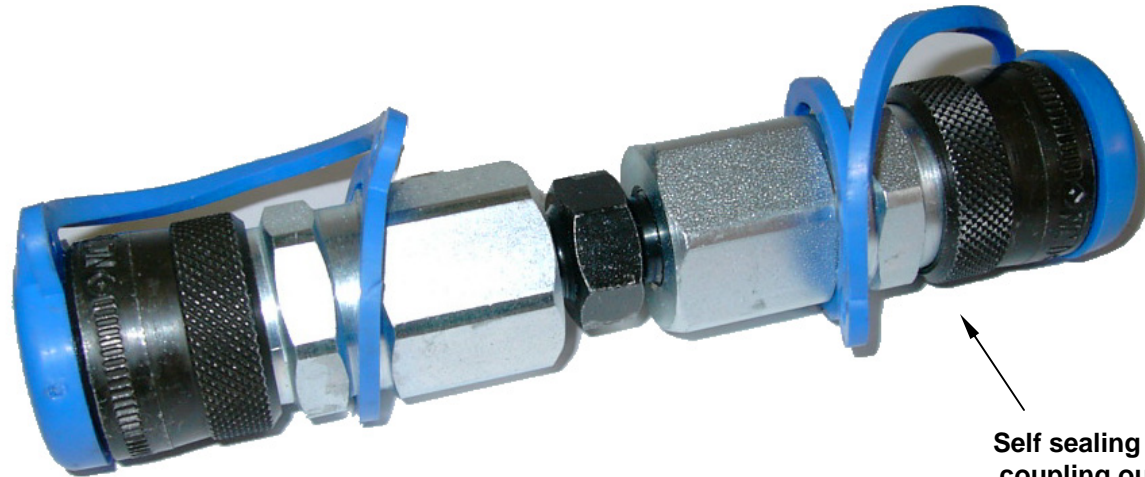
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**PRODUCT - GENDER CHANGER  
PRESSURE - 1500 bar**

## Gender Changer (Coupling - Coupling) Part No T-1551

This gender changer is designed for 1500 bar working pressure. It is delivered fully assembled with self sealing quick connect couplings for fast and clean operation. The quick connectors are fitted with BLUE plastic dust caps. The gender changer is assembled, filled with oil and pressure tested prior to despatch. Test certificates are provided. All gender changers are marked with the maximum working pressure, the part number and a serial number for identification. This gender changer conforms to the European Pressure Equipment Directive and is CE Marked.

Self sealing quick connect  
coupling outlet with blue  
plastic dust cap



Self sealing quick connect  
coupling outlet with blue  
plastic dust cap

**CE Marked**

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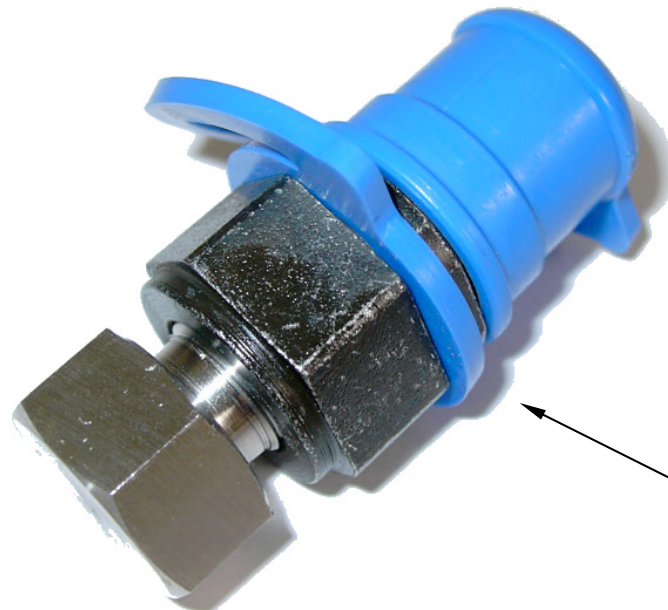


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## Blank Nipple Part No T-1553

This blank nipple is designed for 1500 bar working pressure. The nipple is fitted with a BLUE plastic dust cap. The blank nipple is assembled, filled with oil and pressure tested prior to despatch. Test certificates are provided. All blank nipples are marked with the maximum working pressure, the part number and a serial number for identification. This blank nipple conforms to the European Pressure Equipment Directive and is CE Marked.



Self sealing quick connect  
nipple with blue plastic  
dust cap

**CE Marked**

**PRODUCT - BLANK NIPPLE  
PRESSURE - 1500 bar**

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**PRODUCT - BLANK COUPLING  
PRESSURE - 1500 bar**

### Blank Coupling Part No T-1554

This blank coupling is designed for 1500 bar working pressure. The coupling is fitted with a BLUE plastic dust cap. The blank coupling is assembled, filled with oil and pressure tested prior to despatch. Test certificates are provided. All blank couplings are marked with the maximum working pressure, the part number and a serial number for identification. This blank coupling conforms to the European Pressure Equipment Directive and is CE Marked.



**Self sealing quick  
connect coupling with  
blue plastic dust cap**

**CE Marked**

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TECHNOLOGIES INTERNATIONAL, INC

SUPERIOR TECHNOLOGIES • SUPERIOR SOLUTIONS™

**PRODUCT - Air Driven Pump  
PRESSURE - 1500 bar**



### Air Hydraulic Pump for use with 1500 bar tools Part No T-1506

This easy to use, air driven hydraulic pump is mounted in a tubular steel transportable frame painted blue. The pack is supplied complete with, air inlet connector, air filter, air pressure regulator, air lubricator, air pressure gauge, air pressure limit valve, pump on/off control, oil reservoir, oil pressure release valve, oil pressure gauge, gauge guard, air/hydraulic pump and high pressure oil outlet through a self sealing quick connect coupling.

This pump is designed for use with all 1500 bar tooling and represents the best compromise between price and performance.

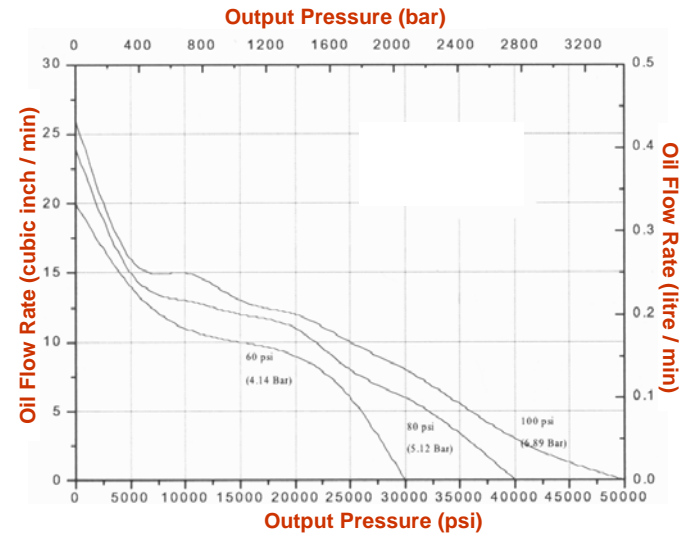
A higher delivery pump is available where speed of operation is essential especially when using multiple large diameter tooling. Pumps for 1000 bar, 2000 bar and 2500 bar working pressures are also available.

Custom built power packs, with any number of outlets, to suit your existing tooling or with special features are available on request.

#### Specification:

Consumption of Free Air  
Air Pressure Required  
Dimensions  
Weight  
Oil Reservoir  
Finish  
Pressure Gauge  
Working Pressure  
Oil Flow Rate

800 litres per minute (28 standard cubic feet per minute)  
4 - 7 bar (60 - 100 psi)  
400 mm long x 400 mm wide x 440 mm high  
19.5 kgs  
8.5 litre ISO 10 hydraulic oil  
Blue Paint Hammer Finish  
Dual Scale 0 - 2000 bar (0 - 29000 psi)  
1500 bar  
See graph above



9001 Jameel, Suit 180, Houston, TX 77040

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# PRODUCT - Air Driven Pump (high delivery) PRESSURE - 1500 bar



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## Air Hydraulic Pump (High Delivery) for use with 1500 bar tools Part No T-1507

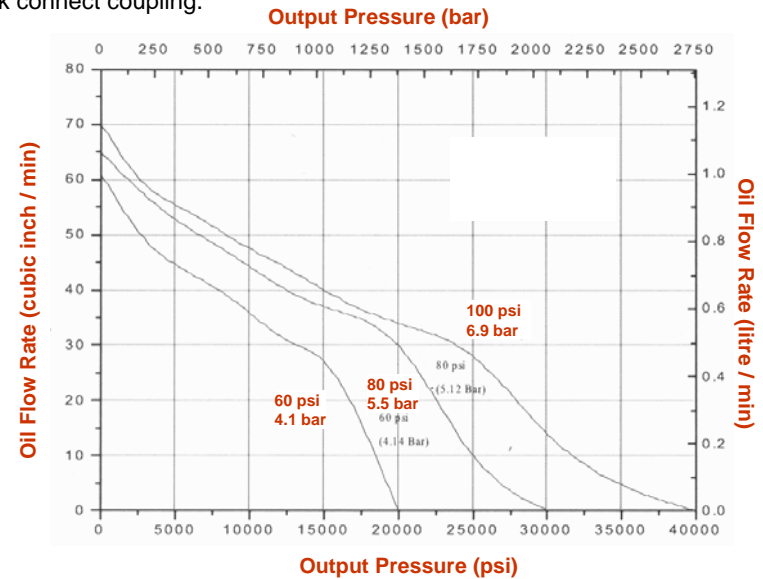
This higher oil delivery, air driven hydraulic pump is mounted in a tubular steel transportable frame painted blue. The pack is supplied complete with, air inlet connector, air filter, air pressure regulator, air lubricator, air pressure gauge, air pressure limit valve, pump on/off control, oil reservoir, oil pressure release valve, oil pressure gauge, gauge guard, air/hydraulic pump and high pressure oil outlet through a self sealing quick connect coupling.

This pump is a higher oil flow rate pump designed for use with all 1500 bar tooling where speed of operation is essential. Especially useful when using multiple large tools.

A lower delivery, and less costly pump is also available.

Pumps for 1000 bar, 2000 bar and 2500 bar working pressures are also available.

Custom built power packs, with any number of outlets, to suit your existing tooling or with special features are available on request.



### Specification:

Consumption of Free Air	1600 litres per minute (56 standard cubic feet per minute)
Air Pressure Required	4 - 7 bar (60 - 100 psi)
Dimensions	400 mm long x 400 mm wide x 440 mm high
Weight	23 kgs
Oil Reservoir	8.5 litre ISO 10 hydraulic oil
Finish	Blue Paint Hammer Finish
Pressure Gauge	0 - 2000 bar
Working Pressure	1500 bar
Oil Flow Rate	See graph above

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**PRODUCT - HAND PUMP  
PRESSURE - 1500 bar**



## Hand Pump (1 litre tank 63 mm gauge) Part No T-1514-A

This hand pump can be used with all 1500 bar tooling and equipment. The pump has both high and low pressure pistons and is supplied complete with, a 63 mm diameter damped (liquid filled) pressure gauge, pressure release valve, internal pressure safety relief valve, a 1 litre oil reservoir and a self sealing quick connect coupling. A hand pump with a larger 2.4 litre oil reservoir is also available. A larger 110 mm diameter pressure gauge is available as an option.

Hand pumps should only be used with one or two tensioning tools. When simultaneous operation of several tools is being considered the use of an air driven pump is recommended.

### Note

Hand pumps with a 2.4 litre oil reservoir or a larger diameter pressure gauge are also available. Call for details. When greater accuracy of reading is required larger external pressure gauges are available for easy connection to the outlet. Call for details.

### Specification:

Dimensions	620 mm long x 110 mm wide x 170 mm high
Weight	8.3 kgs
Oil Reservoir	1 litre ISO 10 hydraulic oil
Finish	Aluminium Silver
Pressure Gauge	Dual Scale 0 - 1500 bar (0 - 22000 psi) 63 mm dia
Maximum Pressure	1500 bar
Oil Delivery Low Pressure Piston	20 cc per stroke
Oil Delivery High Pressure Piston	1 cc per stroke
Handle Effort @ 1500 bar	370 Newtons

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**PRODUCT - SPARE PARTS**  
**PRESSURE - 1500 bar**

## Spare Parts

These 1500 bar working pressure spares are designed for use with all 1500 bar system tooling, pumps and hoses.



Self Sealing Quick  
Connect Coupling  
Part No T-1501



Self Sealing Quick  
Connect Nipple  
Part No T-1502



Green Plastic Cap for  
Nipple  
Part No T-1510



Green Plastic Cap for  
Coupling  
Part No T-1511



1/4 BSP Male/Male  
Adaptor  
Part No T-1503



1/4 BSP 60 deg Cone  
Male/Male Adaptor  
Part No T-1504



1/4 BSP Tee Block  
(Three Way)  
Part No T-1505



1/4 BSP Elbow Block  
(Two Way)  
Part No T-1508



1/4" BSP Cross Block  
(Four Way)  
Part No T-1509



1/4 BSP Plug  
Part No T-1512



9/16" UNF male to 1/4"  
BSP male adaptor  
Part No T-1513