MILCOM 6000

DIVERS THROUGH WATER COMMUNICATIONS



NORTHERN DIVER

MINE WARFARE & MILITARY DIVING SPECIALISTS

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MILCOM FULL SYSTEM CONTENTS

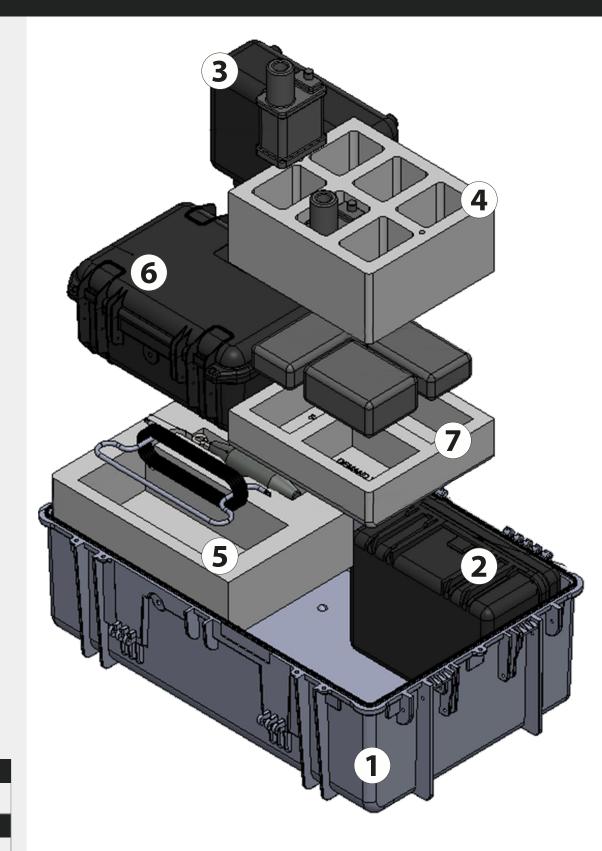
FULL SYSTEM

- 1. Mass gross: 37.2kg
- Dimensions: 830*565*325mm

FULL SYSTEM CONTENTS

- 1. Transit Case
- Multi-Charger
- Supervisors Unit
- **DU Insert Tray**
 - A. 6000D Divers Units (6)
- 5. TD Insert Tray
 - A. Transducer
 - B. Transducer Cable
 - C. Transducer Cable Weight
 - D. Tranducer Cable Hanger
- Ancillary Case
 - A. Headset CDK
 - B. Transducer Cable CDK

 - C. Headset SU
 D. Handheld Mic
 - E. Single Charger SUF. Log Book
- 7. SP Insert Tray
 - A. Spares Kit
 - B. Routine Maintenance Kit
 - C. Demand Valve Test Kit



DESCRIPTION

MILCOM

ND NO.

ND0003454

NSN

5895-99-429-6470





MILCOM

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044	Allen Key 6mm	ND0003020
045	Dust Cap (with regulator)	N/A
046	Demand Valve Service card	ND0002782

TRANSIT CASE HOUSES FULL MILCOM SYSTEM

Made of high impact ABS with IP67 protective degree, this case provides the ultimate protection for carrying MILCOM equipment.

The injection moulded case can withstand the strains of floodwaters and can even be submerged and still keep all valuable devices safe and dry. They protect your delicate equipment from handling abuse and the most extreme and hazardous conditions.

Shock proof, dust proof, waterproof, un-crushable, anti-chemical corrosion, high temperature resistance.

Professionally designed and developed strictly complying with the highest safety protection standard

Patented material with a fantastic weather proof ability

Working temperature range from $-40^{\circ}\text{C} \sim 90^{\circ}\text{C}$

Case body is anti-ultraviolet and impact resistance

Advanced valve design, avoid troubles of pressure differences

Patented design of the seal has a IP67 protection

External (LxWxD): 830*565*325mm

Internal (LxWxD): 763*483*302mm

Material: engineer pp and glass fiber

Volume: 113L

Buoyancy max. (kg): 81.8kg (180.33lbs)

Ergonomic handle on top and side

Wheels: stainless steel ball bearing

*IP67 - protected from dust and capable of withstanding water immersion between 15 cm and 1 meter for 30 minutes.

DESCRIPTION

MILCOM

ND NO.

ND0003423

NSN

5895-99-564-4653







MULTI-CHARGER

Multi-Charger to be confirmed in August 2023

INITIAL ISSUE ITEM

x1 hard case (as photographed) x6 single chargers (as photographed)















DESCRIPTION

MILCOM

ND NO.

ND0003442

NSN

TBC

SUPERVISORS UNIT

Wireless communications can now be discreetly and more securely transmitted for the first time in wireless communication history.

Housed in a completely new smaller, lighter and more rugged case with removable lid.



Battery Information There are 2 x packs within a supervisor Unit





DESCRIPTION

MILCOM

ND NO.

ND0003426

NSN

5820-01-708-1573

TRANSIT CASE DU INSERT TRAY

Foam insert sits inside the Transit Case and houses the Divers Units.





DESCRIPTION

MILCOM

ND NO.

ND0003409

NSN

8145-99-226-7962



MILCOM 6000D 2 CHANNEL (70 WATTS OUTPUT POWER)

A wireless unit only, the new MilCom 6000D adds scrambled communications! It is a new 70-watt, two-channel unit with an all new voice menu system and and comes standard with rechargeable lithium-ion battery for extended run time and charger.

SPECIFICATIONS

Typical range: channel A: 6,000m in calm sea, 1,000m in sea state 6.
Channel B: 1,000m in calm sea: 100m in sea state 6. Note: environmental variability such as that caused by biological noise and interference, thermoclines, etc., can reduce range.
Audio frequency response: 300 Hz to 3.6 kHz

Acoustic output power: 70 watts PEP (peak envelope power)(channel A)
Receiver sensitivity: -110 dBv
Automatic gain control: 120 dB
dynamic range

Transmitter activation: manual activation (push-to-talk – PTT) **Battery life:** assuming 10% duty cycle: 12hrs on high power channel A or 14hrs on low power B

Battery: lithium-lon rechargeable **Low battery indicator:** blinking RED LED and audible signal

Transducer: piezoelectric type

Earphone: ceramic type (standard on most full face masks)

Maximum depth: 300 fsw Operating temp: 0°C to +60°C

(32°F to + 140°F)

Storage temp: -10°C to +60°C

 $(14^{\circ}F \text{ to} + 140^{\circ}F)$

Connector type: Hi-USE® (1/2 hardened naval brass, gold-plate pins)

Housing: injection-moulded

polycarbonate

Standard frequencies: channel A: 25 kHz OR 28.5 kHz lower sideband (LSB). Channel B: 33 kHz upper sideband (USB).

(USB).

Housing dims: H: 7", W: 4.2", D: 2.65"

DESCRIPTION

MILCOM

ND NO.

ND0003425

NSN

5820-01-708-1571







TRANSIT CASE TD INSERT TRAY

Foam insert sits inside the Transit Case and houses the following items:

- 1. Transducer
- 2. Transducer Cable (SU)
- 3. Transducer Cable Weight
- 4. Transducer Cable Hanger







MILCOM

ND NO.

ND0003408

NSN

8145-99-564-4654





TRANSDUCER MILCOM SU + MILCOM DU

TRANSDUCER ASSEMBLY

Acts as the 'antenna' of the unit. Transducer is replaceable.

TRANSDUCER RING

A rotating locking ring that secures the transducer or transducer cable when used with the surface conversion kit.

900474-004



DESCRIPTION

MILCOM

ND NO.

ND0003444

NSN

5935-99-350-3809





TRANSDUCER CABLE SU

910513-000

TCA-6MC-55,XDUCER,25KHZ,CAGE



DESCRIPTION

MILCOM

ND NO.

ND0003433

NSN

6150-99-992-2039





TRANSDUCER CABLE WEIGHT

Build: stainless steel Weight: 2kg



DESCRIPTION

MILCOM

ND NO.

ND0003406

NSN

4220-99-157-3174

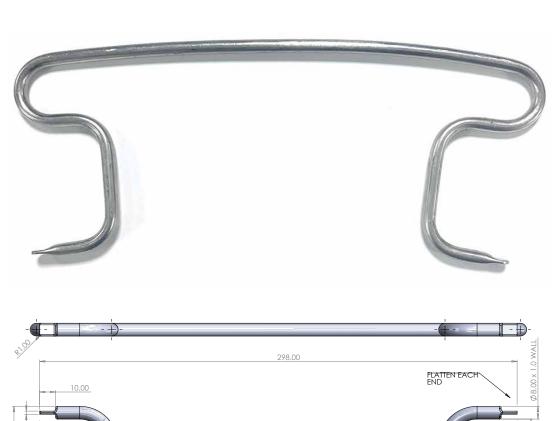


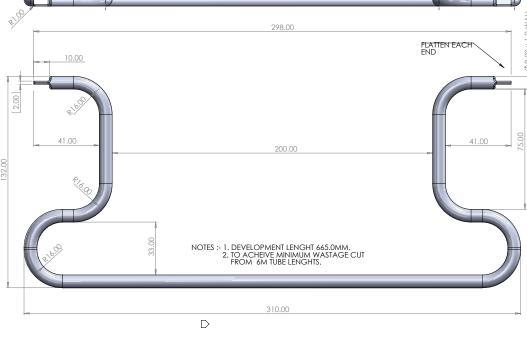


TRANSDUCER CABLE HANGER

Material: 316 stainless steel tube

Thickness: 8mm Diameter: 1mm





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DESCRIPTION

MILCOM

ND NO.

ND0001965

NSN

5975-99-536-1967

ANCILLARIES ANCILLARY CASE

Higher intensity, heavy duty and durable. Airtight, waterproof, shockproof and anti-corrosion performance.

MATERIAL

Engineered resin and glass fibre

FOAM

Filled with pre-cut foam which is easy to customise to secure valuable equipment

OTHER FEATURES

Valve with O-ring for manual pressure adjustment Latches snap tightly closed Impact resistant IP67 waterproof rating Temperature range: -40~90





DESCRIPTION

MILCOM

ND NO.

ND0003427

NSN

5895-99-917-4087





ANCILLARIES HEADSET (CDK)

Headset, deluxe headset with boom mic.(included w/CDK-6)(incl. PTT).

SKU 910019-007









MILCOM

ND NO.

ND0003429

NSN

5965-01-584-7601





ANCILLARIES TRANSDUCER CABLE

Transducer cable, 55' w/AMP con. Transducer extension cable.

SKU 910017-000







DESCRIPTION

MILCOM

ND NO.

ND0003430

NSN





ANCILLARIES HEADSET (SU)

Headset, deluxe headset with boom mic

900479-000

THB-PMC,HEADSET, POWER/MILCOM,SU



DESCRIPTION

MILCOM

ND NO.

ND0003428

NSN





ANCILLARIESHANDHELD MIC (SU HHM-5)

Hand held microphone

910514-000

HHM-5,HAND HELD MIC,POWER/MILCOM,SU



DESCRIPTION

MILCOM

ND NO.

ND0003431

NSN





ANCILLARIES SINGLE CHARGER

912167-000 (red and black wired part) EPP-3,EXT PWR/CHRGNG,POWER/MILCOM,SU

910510-001 S/ASSY,RCLi-2,CHARGER,POWER/MILC OM,UK



DESCRIPTION

MILCOM

ND NO.

ND0003432

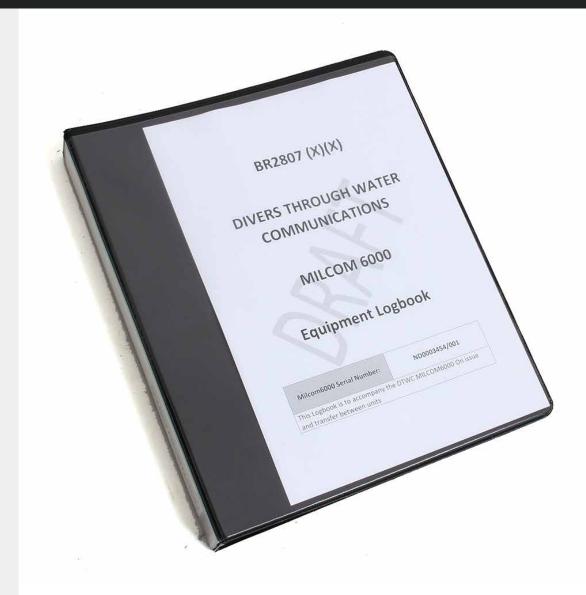
NSN





ANCILLARIES LOG BOOK

Folder to store logs Standard 2 O-ring mechanism Label on spine for quick identification Colour: black Material type: plastic Sheet size: A4



DESCRIPTION

MILCOM

ND NO.

ND0003568

NSN

7510-99-847-6599



SPARESSPINSERT TRAY

Foam insert sits inside the Transit Case and houses the following items:

Spares Kit

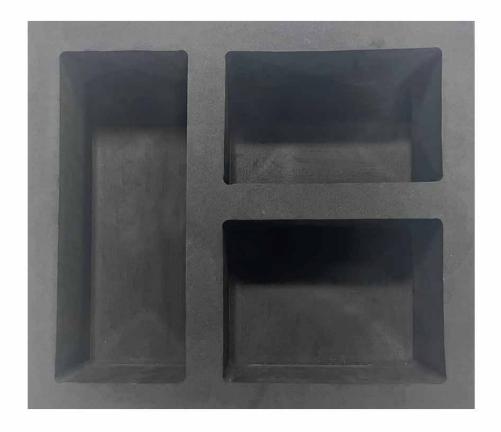
- 1. Ear Mic Assembly
- 2. Hi Use connector
- 3. Belt Clip

Routine Maintenance Kit

- 1. Micro Fibre Cloth
- 2. O-Ring Pick
- 3. Brush
- 4. Grease
- 5. Screwdriver

Demand Valve Test Kit

- 1. AP0519/US4
 - (US4 35bar ADJ regulator)
- Black storage bag
 Gauge 0-40
- 4. Nylon Washer
- 5. Brass Connector
- 6. O-Ring BS011 NBR70
- 7. Allen Key 5mm
- 8. Allen Key 6mm
- 9. Dust Cap (with Regulator)
- 10. Demand Valve Service card





DESCRIPTION

MILCOM

ND NO.

ND0003407

NSN

8145-99-863-6315





SPARES KIT FULL KIT

KIT CONTENTS

- 1. Ear Mic Assembly
- 2. Hi Use Connector
- 3. Belt Clip
- 4. Black Storage Bag









DESCRIPTION

MILCOM

ND NO.

ND0003564

NSN

5895-99-997-0559



SPARES KITEAR MIC ASSEMBLY

Designed to allow the user to connect either hard-wire or through-water communications

Wired and wireless: works with both hardwire or wireless communication units

Noise cancelling: includes ME-16R studio quality noise cancelling mic

Push to talk: easy to install coverplate with push to talk assembly

Connector type: Hi-Use Connector

911060-104

EMA-2SM-BLNK,E-M,AGA,DUAL EP-2,SPER MIC



DESCRIPTION

MILCOM

ND NO.

ND0003405

NSN

5965-99-847-5492





SPARES KITHI USE CONNECTOR

Replacement AD8PMHI17 Cable for the PowerCom and MilCom Diver Units.

SKU 900474-001



DESCRIPTION

MILCOM

ND NO.

ND0003435

NSN

5935-01-708-1188



SPARES KIT BELT CLIP

1x belt bracket 3x screws

The belt clip can be mounted on a belt or on a BCD tank strap. For best range between divers and surface station, it is recommended to mount the unit as far back on the tank strap as possible.

137084-000







DESCRIPTION

MILCOM

ND NO.

ND0003436

NSN

8465-01-708-1681





SPARES KIT BLACK STORAGE BAG

Black nylon build Stitched construction Drawstring with pull toggle closure



DESCRIPTION

MILCOM

ND NO.

ND0003573

NSN

4220-99-262-7913





ROUTINE MAINTENANCE KIT FULL KIT

KIT CONTENTS

- 1. Micro Fibre Cloth
- 2. O-Ring Pick
- 3. Brush
- 4. Grease
- 5. Screwdriver
- 6. Black Storage Bag













DESCRIPTION

MILCOM

ND NO.

ND0003437

NSN

5895-99-352-7445





ROUTINE MAINTENANCE KIT MICRO FIBRE CLOTH

Better absorbency and more scrubbing power than cotton cloths. Lifts and traps dirt and moisture, leaving surfaces clean, dry and polished. No chemicals required. Washable up to 400 times.

Colour: blue

Product length: 380 mm Product width: 380 mm



DESCRIPTION

MILCOM

ND NO.

ND0003438

NSN

7920-99-847-6595



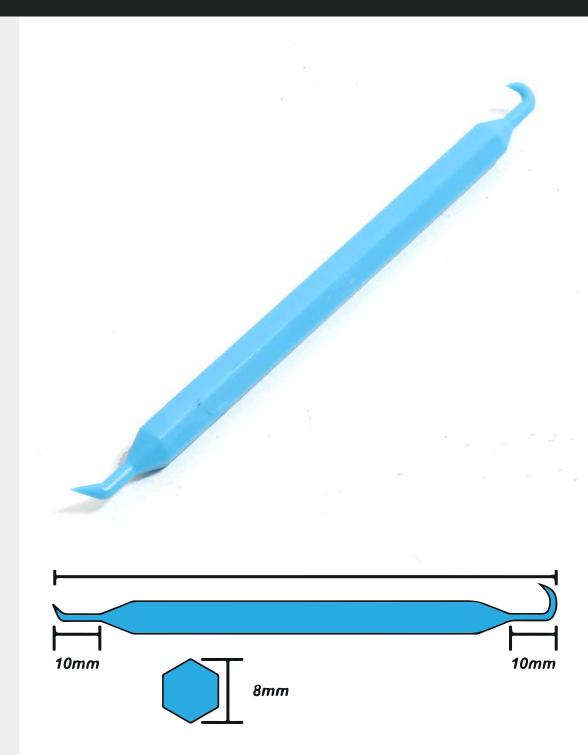




ROUTINE MAINTENANCE KIT O-RING PICK

Plastic O-ring Pick: Hard plastic o-ring pick. Tough enough to remove the smallest o-rings, but won't scratch your gear.

Robust, corrosion resistant construction.



DESCRIPTION

MILCOM

ND NO.

ND0003439

NSN

5120-99-517-6978







ROUTINE MAINTENANCE KIT BRUSH

INCLUDES

Large and small brush with wiper blade Durable nylon scrubbing bristles

Soft, comfortable non-slip grips

SIZE

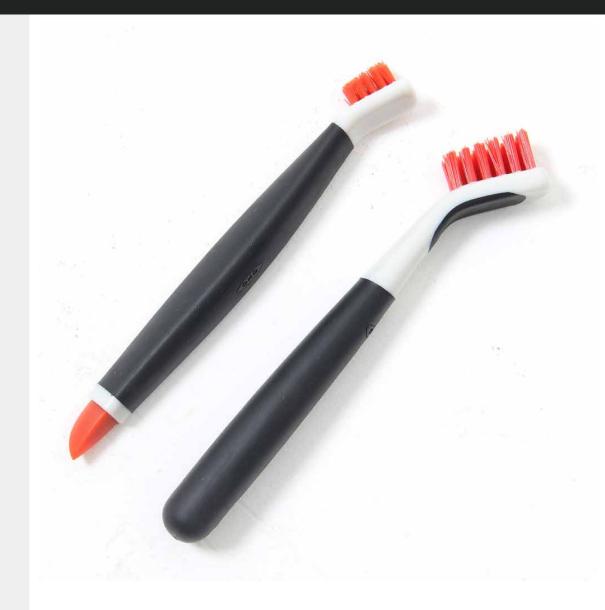
16.51 x 3.81 x 1.91 cm

WEIGHT

68.04g

MATERIAL

Stainless Steel



DESCRIPTION

MILCOM

ND NO.

ND0003440

NSN

5985-99-327-6727







ROUTINE MAINTENANCE KIT GREASE

PTFE (polytetrafluoroethylene) is a great multi-purpose lubricant, unlike silicone grease it is compatible with most compounds.

In comparison to other petroleum-based greases, PTFE will provide a longer lasting performance.

Proper lubrication is recommended to reduce friction and corrosion, improving O-ring performance over time.

Temperature range

Up to 230°C (Intermittent) Down to -40°C

Benefits of PFTE grease:

Can be used on silicone O-rings, seals and other components
Long-lasting performance
High dielectric strength for Radio
Frequency (RF) shielding and
electrical insulation
Radiation resistant for radiation
applications such as microwaves and
sterilizers



DESCRIPTION

MILCOM

ND NO.

ND0003441

NSN

9150-99-157-311



ROUTINE MAINTENANCE KIT SCREWDRIVER

ROBUST CONSTRUCTION

The Pro Phillips Screwdriver incorporates a robust chrome vanadium steel bar, that makes it durable and corrosion resistance.

ERGONOMIC HANDLE

The soft touch handles of the Pro Phillips Screwdriver offers increased comfort and control. The curved handle has enough room for your hand to hold the screwdriver comfortably.

SMART MAGNETIC TIP

Magnet in the shaft prevents from slipping and holds the screw securely while in use.

COLOR CODED HANDLE

The color-coded handle of the Pro Phillips Screwdriver makes the selection process easier and makes size identification convenient.

SIZE + WEIGHT

3.5 x 4.3 x 23 cm 60g

MATERIAL

Chrome Vanadium Steel



DESCRIPTION

MILCOM

ND NO.

ND0003562

NSN

5120-99-680-0480







ROUTINE MAINTENANCE KIT BLACK STORAGE BAG

Black nylon build Stitched construction Drawstring with pull toggle closure



DESCRIPTION

MILCOM

ND NO.

ND0003574

NSN

4220-99-177-3969

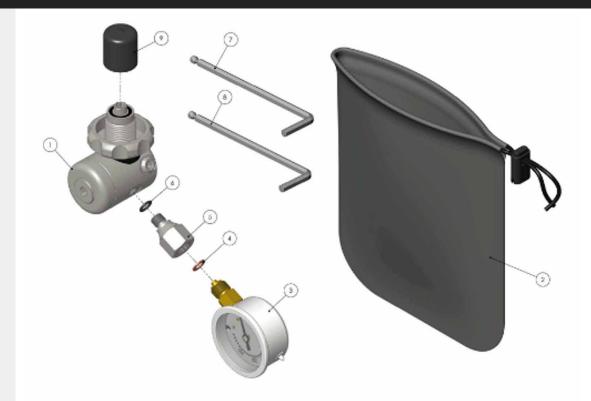


DEMAND VALVE TEST KIT FULL KIT

KIT CONTENTS

- 1. AP0519/US4 (US4 35bar ADJ regulator)
- 2. Black storage bag
- 3. Gauge 0-40
- 4. Nylon Washer
- 5. Brass Connector
- 6. O-Ring BS011 NBR70
- 7. Allen Key 5mm
- 8. Allen Key 6mm
- 9. Dust Cap (with Regulator)
- 10. Demand Valve Service card

This will not be supplied on issue of MILCOM kits. Users to place their own Demand Valve Test Kit in the box.





DESCRIPTION

MILCOM

ND NO.

ND0001954

NSN

4220-99-154-2632





DEMAND VALVE TEST KITAP0519/US4 (US4 35 BAR ADJ REGULATOR)

A compact unsealed first stage with four medium pressure ports and one high pressure port.

A balanced diaphragm type that offers consistent performance from start of dive until end of dive, regardless of depth.



DESCRIPTION

MILCOM

ND NO.

ND0003215

NSN

N/A





DEMAND VALVE TEST KIT BLACK STORAGE BAG

Black nylon build Stitched construction Drawstring with pull toggle closure



DESCRIPTION

MILCOM

ND NO.

ND0003575

NSN

4220-99-157-3176





DEMAND VALVE TEST KIT GAUGE 0-40

All Stainless Steel Process Pressure Gauge Bottom Entry, Dual Scale (Bar/PSI) Stainless Steel Case & Bezel Plastic Window (Safety Glass Option) AISI 316L Stainless Steel Wetted Parts

SIZE 40mm



DESCRIPTION

MILCOM

ND NO.

ND0003214

NSN

N/A





DEMAND VALVE TEST KIT NYLON WASHER

Flat Washer Polyamide

External diameter: 10mm Finish: natural For use with thread size: M5 (5mm)

Internal diameter: 5.2mm Material: PA 6.6

Material specification: PA 6.6

Thickness: 3mm



DESCRIPTION

MILCOM

ND NO.

ND0003216

NSN

N/A

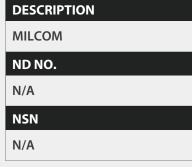




DEMAND VALVE TEST KIT DUST CAP

Dust cap with regulator











DEMAND VALVE TEST KIT BRASS CONNECTOR

Brass connector for demand valve test kit





MILCOM

ND NO.

ND0003052

NSN

N/A







DEMAND VALVE TEST KIT 0-RING BSO11 NBR70

BS011 Nitrile O-ring 5/16in ID x 1/16 Cross Section











DEMAND VALVE TEST KIT ALLEN KEY 5MM

Metric Hexagon Key, 5.0mm

Manufactured from chrome vanadium steel that's hardened and tempered then applied with a chemically blacked protective finish and chamfered ends.

Made from chrome vanadium steel that's hardened and tempered Chemically blacked protective finish Chamfered ends



DESCRIPTION

MILCOM

ND NO.

ND0003021

NSN

N/A





DEMAND VALVE TEST KIT ALLEN KEY 6MM

Facom 83SH.6 Long Metric Ball Ended Hexagon Key 6mm

NF ISO 2936, ISO 2936, DIN ISO 2936, ASME B18.3.2M. Manufactured in silicon steel. The spherical head allows to handle screws with a tilt angle up to 30°. Finish: phosphate-coated.





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NORTHERN DI





DEMAND VALVE TEST KITSERVICE CARD

850 micron plastic Full colour orint 2 sides Size: 54mm x 85mm



DEMAND VALVE SERVICE CARD

INTERSPIRO DIVATOR MK II NON-POSITIVE PRESSURE FACEMASK

SUPPLIERS TO THE MILITARY OF...

Dive Suits
Wetsuit Systems
Underwater Hydraulic Tools
Communication Systems
PBAC
Seabed Search Boxes
Dive Equipment

www.ndiver-military.com

DESCRIPTION

MILCOM

ND NO.

ND0002782

NSN

N/A



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