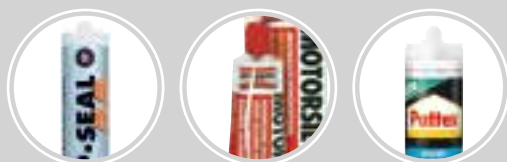




LOCTITE



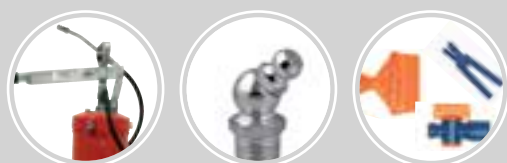
LTEC
NPT
LOCTITE
PUTTY



LTEC
SWIVEL
BLUE SEAL



LTEC
OKS
LOCTITE



WRK
LOC-LINE
QPM



LTEC
LOCTITE



SAF-FRO
LINCOLN ELECTRIC



LINCOLN ELECTRIC
SAF-FRO
SACIT



LTEC
LINCOLN ELECTRIC
SAF-FRO
Weller

J0

2 - 16

Adhesives, hybrid,
cyanoacrylate,
anaerobic

J1

17 - 24

Adhesives
acrylic, epoxy.
Sealants, silane,
silicone

J2

25 - 26

Lubricants
and greases

J3

27 - 31

Lubricants

J4

32 - 39

Protectives,
detergents and
accessories
for greases

J5

40 - 43

Hygiene products,
cleaning cloths, rags

J6

44 - 45

Welding inverters,
consumables

J7

46 - 53

Antispatter products,
welding accessories,
welding protection

J8

54 - 61

Pressure reducers,
safety device
for welding



HYBRID ADHESIVES

They enclose the best characteristics of both instant and structural adhesives. They guarantee rapid polymerization even in the presence of gaps. They are suitable for gluing multiple substrates and guarantee excellent structural durability and atmospheric agents. They are safe to use.



HYBRID ADHESIVES

LOCTITE



ITEM: 4070

The 4070 hybrid adhesive is a bi-component with extremely fast fixing time. It has ability to fill any gaps. Suitable for metal, plastic, rubber, wood, paper and leather. Formulation in gel not glue. Good resistance to humidity, heat, UV rays and chemicals. Sold in packs with needles and syringes. Suitable for all maintenance and repairs.

- Ready-to-use package with syringe, plunger and 4 mixing needles
- Fixing time: 1 minute
- Operating temperature: up to +120 °C
- Gel
- Light yellow
- Game filling: up to 5 mm



Tech. Code		J000511
GR72	Euro	24,15
Package		Double cartridge
Quantity	g	11
		12



ITEM: 4090

Two-component hybrid gel adhesive. Suitable for most substrates, it guarantees high adhesive strength. Excellent resistance to humidity, chemicals and temperature. Resistant to shock and vibration. Very limited halo effect. Perfect for all design requirements.

- Fixing time: 4 - 6 minutes
- Operating temperature: up to +150 °C
- Gel
- Light yellow
- Little halo



Tech. Code		J000750	J000750S
GR72	Euro	58,00	28,10
Package		Double cartridge with 5 nozzle mixer	Double cartridge without nozzle
Quantity	g	50	50

MIXING NOZZLES FOR HYBRID ADHESIVES

ITEM: J0009

Mixing nozzles for cyanoacrylate adhesives, to be used with the specified products.

Tech. Code		J0009A	J0009B
GR72	Euro	12,64	12,48
Mixing ratio		10:1	1:1
Package		Bag	Bag
Quantity	n°	10	10
Suitable for products		3090 - 4070 (10 ml)	4080 - 4090 (50 ml)





PRODUCT INFO INSTANT ADHESIVES

Instant or cyanoacrylate adhesives dry very rapidly when applied in-between surfaces. Surface humidity of materials activates polymerization which develops from the materials surface towards the adhesive centre.
Cyanoacrylates are ideally suited for quick bonding application of small sized parts. This certain kind of adhesive does not feature excellent gap filling abilities therefore requiring nearly matching up surfaces.
Excellent adhesive results for most materials Superior after-gluing shear resistance and breaking resistance
Not suitable for glazed pottery, may be used on plastic and fibreglass.

To select the right instant adhesive the following aspects should be taken into account:

- **Instant adhesives for porous or acid surfaces bonding**

Such preparations are specifically formulated to obtain quick bonding and cure (polymerisation) on porous or acid substrates, as in the case of paper or galvanised metals.

- **Shock resistant instant adhesives**

Elastomer fed instant adhesive gives the product high shock resistance along with an increased high temperature resistance when bonding metals in moist environments.

- **High temperature instant adhesives**

Maintain their bond strength in operating temperatures as high as 120 °C, and up to 140 °C for short periods of time.

- **Flexible instant adhesives**

When bond components are faced with bending loads, flexible instant adhesives are formulated to reduce stress focus or favour a more homogeneous deformation.

- **Reduced halo and odor instant adhesive**

Instant adhesive with only minor halo are specifically developed for those applications where appearance as well as smell are considered important.

- **Bicomponent instant adhesives**

An innovative bicomponent technology ensure a a quick polymerisation regardless the gap. These products are specifically suitable for those assembly works that cannot perfectly match up or when an extra amount of adhesive is required

- **UV instant adhesives**

UV polymerized preparations are recommended when bonding transparent substrates with specific aesthetic requirements or to polymerize any excess in products.



CYANOACRYLATE INSTANT ADHESIVES

LOCTITE



ITEM: 401

Instant low viscosity adhesive, suitable on most substrates, including acidic surfaces.
High adhesive power on close contact parts.

- Fixing time: 3 - 10 sec
- Operating temperature: -40 / +120 °C
- Low viscosity
- Transparent
- **Universal**
- **NSF-P1 Certificate: Can be used in the food industry.**

Not suitable for food contact.

Tech. Code	J0010005	J0010020	J0010050	J0010500
GR72	Euro 5,50	20,20	42,70	269,80
Package	Blister	Bottle	Bottle	Bottle
Quantity	g 5	20	50	500
	12	12	12	1



ITEM: 460

Instant adhesive for porous materials such as paper, wood, leather, cork and fabric. Practically odourless. Suitable for all those applications where the halo effect must be avoided.

- Fixing time: 3 - 20 sec.
- Operating temperature: -40 / +80 °C
- Low viscosity
- Colorless
- **Little halo and little smell**

Tech. Code	J0015020	J0015500
GR72	Euro 25,65	301,80
Package	Bottle	Bottle
Quantity	g 20	500
	12	1



**ITEM: 406**

Instant adhesive for rapid bonding of plastics and rubbers including elastomers and EPDM. For difficult bonding, e.g. with polyolefin plastics, use SF770 primer.

- Fixing time: 2 - 10 sec.
- Operating temperature: -40 / +120 °C
- Low viscosity
- Colorless

- For "difficult" rubbers and plastics

Tech. Code		J0020020	J0020050
GR72	Euro	24,50	53,75
Package		Bottle	Bottle
Quantity	g	20	50
		12	12

**ITEM: 424**

Instant adhesive for rapid bonding of plastics and rubbers including elastomers and EPDM. More viscous than 406. For difficult bonding, e.g. with polyolefin plastics use SF770 primer.

- Fixing time: 2 - 10 sec
- Operating temperature: -40 / +80 °C
- Low - Medium viscosity
- Colorless

- For "difficult" rubbers and plastics

Tech. Code		J0025020	J0025500
GR72	Euro	26,95	283,50
Package		Bottle	Bottle
Quantity	g	20	500
		12	1

**ITEM: 480**

Universal adhesive for bonding metals with metals or with rubber or magnets. Withstands humid environments well. Ideal for all applications where impact resistance is required or where shock loads or peeling are present.

- Fixing time: 20 - 50 sec.
- Operating temperature: -40 / +100 °C
- Low - Medium viscosity
- Black

- Impact resistant

Tech. Code		J0050020	J0050500
GR72	Euro	29,20	315,65
Package		Bottle	Bottle
Quantity	g	20	500
		12	1

**ITEM: 495**

Instant ethyl-based adhesive. For general use. Good performance on many substrates.

- Fixing time: 5 - 20 sec
- Operating temperature: -40 / +120 °C
- Low viscosity
- Colorless

- General use

Tech. Code		J0070020	J0070050	J0070500
GR72	Euro	25,25	51,60	286,30
Package		Bottle	Bottle	Bottle
Quantity	g	20	50	500
		12	12	1



METHYLIC CYANOACRYLATE INSTANT ADHESIVES

LOCTITE



ITEM: 415

Rapid Methyl based adhesive suitable for metal to metal bonding. Excellent mechanical resistance.

- Fixing time: 20 - 40 sec.
- Operating temperature: -40 / +80 °C
- High viscosity
- Colorless

- Metal bonding

Tech. Code	J0030020	J0030050	J0030500
GR72	Euro	24,40	51,10
Package	Bottle	Bottle	Bottle
Quantity	g	20	50
	12	12	1



ITEM: 496

Rapid Methyl based adhesive suitable for metal to metal bonding. Excellent mechanical resistance.

- Fixing time: 10 - 30 sec
- Operating temperature: -40 / +80 °C
- Low viscosity
- Colorless

- Metal bonding

Tech. Code	J0060020	J0060050	J0060500
GR72	Euro	23,45	49,20
Package	Bottle	Bottle	Bottle
Quantity	g	20	50
	12	12	1



UNIVERSAL CYANOACRYLATE INSTANT GEL ADHESIVES

LOCTITE



ITEM: 454

Gel adhesive suitable for acidic surfaces such as chrome or galvanic and porous materials such as wood, paper, leather, cork, foams and metals. The gel formulation makes it suitable for vertical and drip-free applications.

- Fixing time: 5 - 10 sec
- Operating temperature: -40 / +120 °C
- Gel
- Colorless

- Vertical gluing

- NSF-P1 Certificate: Can be used in the food industry.

Not suitable for food contact.

Tech. Code	J0040020
GR72	Euro
Package	Tube
Quantity	g
	10



BI-COMPONENT INSTANT CYANOACRYLATE ADHESIVES

LOCTITE



ITEM: 3090

Instant, two-component, gel adhesive. Suitable for most surfaces. Suitable for filling up to 5 mm clearance. Without halos. Designed for general maintenance.

- Fixing time: 90 - 150 sec
- Operating temperature: -40 / +80 °C
- Gel
- Colorless

- Filling games

Tech. Code	J0118010
GR72	Euro
Package	Double cartridge
Quantity	g
	10



ADHESIVE PRIMERS

LOCTITE



ITEM: SF 770

Specific for pre-treating difficult to bond plastic surfaces such as PP and PE polyolefins.

Tech. Code		J0091010
GR72	Euro	33,65
Package		Bottle
Quantity	g	10
		10



POST-ACTIVATOR FOR CYANOACRYLATE ADHESIVES

LOCTITE



ITEM: SF 7113

Accelerates the polymerization process. It is used as a post-activator to harden excess adhesive.

Tech. Code		J0092150
GR72	Euro	31,50
Package		Spray can
Quantity	ml	150
		12





PRODUCT INFO THREADLOCKERS

Designed to prevent loosening of any threaded fastener from shock and vibration high fluidity liquid, extremely effective when filling gaps of threaded couplings is required.
Also featuring anti-corrosion and good rub resistance properties becoming one with the threads

To select the right threadlocker the following aspects should be taken into account:

- **Low-Strength Threadlockers:**

May be removed using standard hand tools, ideal for adjustment screws, calibration screws, meters, gauges, used on thread size upto M80.

- **Medium-Strength Threadlockers:**

May be removed using standard hand tools, disassembling can be somewhat difficult, ideal for machine tools, presses, pumps and compressors, mounting bolts, gear boxes, used on thread size up to M80.

Threadlockers versions may vary according to viscosity and strength properties, employed for a wide range of applications.

- **High-Strength Threadlockers:**

Extremely hard to disassemble with standard hand tools, removal may require a spot heating procedure. Ideal for permanent coupling of heavy duty equipment, stud bolts, motor and pump mounts, used on thread size up to M80.

- **Penetrating Grade Threadlockers:**

To secure preassembled fasteners already in place, such as mechanical devices or carburetor adjustment screws. Extremely hard to disassemble with standard hand tools, removal may require a spot heating procedure.

- **Stick Threadlockers (semi-solid):**

May be used with thread size up to M50. Ideal for vertical or upside down applications.



THREADLOCKERS WITH LOW MECHANICAL RESISTANCE

LOCTITE



ITEM: 222

Low resistance threadlocker. Recommended for devices made of light alloys or non-ferrous materials such as aluminium and brass.

- **Resistance: Low**

- Operating temperature: -55 / +150 °C

- Medium viscosity

- Max thread size: M36

- Colour: Violet

- **P1 NSF Certificate: Can be used in the food industry.**

Not suitable for food contact



Tech. Code		J0121250
GR72	Euro	151,80
Package		Bottle
Quantity	ml	250
		1

THREADLOCKERS WITH MEDIUM MECHANICAL RESISTANCE

LOCTITE



ITEM: 243

Medium strength threadlocker. Excellent on any metal including passive materials such as stainless steel, aluminium and galvanized surfaces. Tolerates contamination from industrial oils. Ideal in the presence of parts subject to vibration. Allows disassembly with the help of hand tools.

- **Resistance: Medium**

- Operating temperature: -55 / +180 °C

- Medium viscosity

- Max thread size: M36

- Color: Blue

- **P1 NSF Certificate : Can be used in the food industry.**

Not suitable for food contact.



Tech. Code		J0122010	J0122050	J0122250
GR72	Euro	12,00	45,20	159,35
Package		Bottle	Bottle	Bottle
Quantity	ml	10	50	250
		12	12	1

THREADLOCKERS WITH MEDIUM MECHANICAL RESISTANCE

LOCTITE



ITEM: 248

Threadlocker in stick, suitable for vertical applications and on difficult to access components. Suitable on all metal couplings subject to disassembly.

- **Resistance: Medium**
- Operating temperature: -55 / +150 °C
- Semi solid
- Max thread size: M50
- Color: Red

Tech. Code		J0123019
GR72	Euro	25,50
Package		Stick
Quantity	g	19
		2



ITEM: 2400

Medium strength threadlocker without risk and safety symbols or warnings. Excellent chemical resistance. To be used where periodic disassembly with hand tools is required. Approved for drinking water.

- **Resistance: Medium**
- Operating temperature: -55 / +150 °C
- Low viscosity
- Max thread size: M36
- Color: Blue
- **Approval: WRAS**

Tech. Code		J0124050	J0124250
GR72	Euro	43,75	153,95
Package		Bottle	Bottle
Quantity	ml	50	250
		12	1



SAFETY DATA SHEET WITHOUT RISK PHRASES

THREADLOCKERS WITH HIGH MECHANICAL RESISTANCE

LOCTITE



ITEM: 270

High strength threadlocker, suitable for all metal couplings including stainless steel, aluminium, galvanised surfaces and chrome-free coatings. Tolerates contamination from industrial oils. For use on parts that do not require frequent disassembly.

- **Resistance: High**
- Operating temperature: -55 / +180 °C
- Low viscosity
- Max thread size: M20
- Color: Green
- **P1 NSF Certificate : Can be used in the food industry.**
- **Not suitable for food contact**

Tech. Code		J0125010	J0125050	J0125250
GR72	Euro	13,65	44,30	151,80
Package		Bottle	Bottle	Bottle
Quantity	ml	10	50	250
		12	12	1



ITEM: 268

Threadlocker in stick, suitable for vertical applications and on difficult to access components. Suitable on all metal couplings not subject to frequent disassembly.

- **Resistance: High**
- Operating temperature: -55 / +150 °C
- Semi solid
- Max thread size: M50
- Color: Blue

Tech. Code		J0126019
GR72	Euro	25,50
Package		Stick
Quantity	g	19
		2



THREADLOCKERS WITH HIGH MECHANICAL RESISTANCE

LOCTITE



ITEM: 2700

High strength threadlocker without risk and safety symbols or warnings. Excellent chemical resistance. To be used where frequent disassembly is not required. Approved for drinking water.

- **Resistance: High**
- Operating temperature: -55 / +150 °C
- Low viscosity
- Max thread size: M20
- Color: Green
- **Approval: WRAS**

Tech. Code	J0127050	J0127250
GR72	Euro	47,45
Package	Bottle	Bottle
Quantity	ml	50
	12	1

SAFETY DATA SHEET WITHOUT RISK PHRASES



ITEM: 2701

High strength threadlocker specifically for passivated, chrome-plated and galvanized surfaces. To be used where frequent disassembly is not required.

- **Resistance: High**
- Operating temperature: -55 / +150 °C
- Low viscosity
- Max thread size: M20
- Color: Green

Tech. Code	J0128250
GR72	Euro
Package	Bottle
Quantity	ml
	1



PENETRATING THREADLOCKERS WITH MEDIUM/HIGH MECHANICAL RESISTANCE

LOCTITE



ITEM: 290

Threadlocker with medium/high resistance and very low viscosity, penetrating, for already tightened screws.

- **Resistance: Medium/High**
- Operating temperature: -55 / +150 °C
- **Very low viscosity, penetrating**
- Max thread size: M6
- Color: Green

Tech. Code	J0129050
GR72	Euro
Package	Bottle
Quantity	ml
	12





PRODUCT INFO THREAD SEALANTS

Thread sealants are used to prevent gas and liquid leakage by filling the gap between threaded parts therefore providing immediate sealing. Designed to be used both with high and low pressure. Ensuring much great seal properties when compared to traditional solvent based thread sealants, elastomer tape or hemp with sealing paste.

To select the right thread sealant the following aspects should be taken into account:

The type of materials requiring sealing are key in order to select the right thread sealant. According to whether it is a plastic thread application, or a metal one or again a combination of the two, choosing the right thread sealant is paramount.

• **Anaerobic Thread Sealant:**

Polymerizing under the absence of air and when they come into contact with metals, as in pipe thread sealing applications.

Applications:

Any type of metal coupling.

• **Silicone Thread Sealants:**

Polymerizing at ambient temperature and reacting with environmental moisture.

Applications:

Ideal for applications on threaded plastic or on a combination of materials such as plastic and metal.

• **Thread Sealing Yarn:**

A non-hardening coated multifilament yarn. For water, heating, oxygen pipes as well as for most industrial oils (Approved for drinking water (KTW), gas (DVGW) and oxygen (BAM)).

Applications:

Recommended for cone plastic or metal threads. Allows for repositioning and pipe alignment.



THREADED FITTING SEALANTS

LOCTITE



ITEM: 542

Ideal for fine threads as used in the hydraulic and pneumatic industry. Approved for gas and drinking water.

- **Resistance: Medium**
- Operating temperature: -55 / +150 °C
- Low viscosity
- Max thread size: M26 - R3/4"
- Color: Brown
- **Approval: DVGW, WRAS**

Tech. Code		J0131050	J0131250
GR72	Euro	38,20	145,90
Package		Bottle	Bottle
Quantity	ml	50	250
		12	1



ITEM: 572

Suitable for very precise threaded fittings where slow polymerization is needed. High viscosity.

- **Resistance: Medium**
- Operating temperature: -55 / +150 °C
- High viscosity
- Max thread size: M80 - R3"
- Color: Ivory white

Tech. Code		J0132050	J0132250
GR72	Euro	24,45	102,75
Package		Tube	Tube
Quantity	ml	50	250
		12	1



THREADED FITTING SEALANTS

LOCTITE



ITEM: 577

Multi-purpose sealant for all coarse metal threads. Suitable for low temperatures and maintenance of outdoor installations. Approved for food and drinking water environment.

- **Resistance: Medium**
- Operating temperature: -55 / +150 °C
- High viscosity
- Max thread size: M80 - R3"
- Color: Yellow
- **Approval: DVGW, NSF, WRAS**

Tech. Code		J0133050	J0133250
GR72	Euro	25,05	106,35
Package		Tube	Tube
Quantity	ml	50	250
		12	1



ITEM: 511

Low resistance product suitable for precise metal threaded fittings. Approved for use on gas fittings.

- **Resistance: Low**
- Operating temperature: -55 / +150 °C
- High viscosity
- Max thread size: M80 - R3"
- Color: Ivory white
- **Approval: DVGW**

Tech. Code		J0134050
GR72	Euro	27,45
Package		Tube
Quantity	ml	50
		12



THREADED FITTINGS SEALING CORD

LOCTITE



ITEM: 55

Nylon multi-fibre sealing wire for metal and plastic fittings and threaded pipes. Does not harden. Immediate high pressure sealing. Approved for use with gas, drinking water and food environment.

- **Resistance: Low**
- Operating temperature: -55 / +130 °C
- Semi solid
- Max thread size: R4"
- Color: White
- **Approval: DVGW, KTW, NSF**

Tech. Code		J0135160
GR72	Euro	17,70
Packaging		Roll
Quantity	m	160
		6





PRODUCT INFO

RETAINING COMPOUND-CYLINDRICAL BONDING

Designed for bonding roller bearings, sockets and cylindrical fitting parts on casing and shafts. Allows max transmission of load and uniformly distribution vibrations, preventing fretting corrosion.

Liquid is applied, filling gaps and allowing a complete contact between metal surface.

Some highly important aspects should be taken into account when choosing the product:

- **Parts clearance**

Traditionally, low-viscosity bonding or locking products (from 125 up to 2.000 mPa-s) are used for a clearance up to 0,15 mm. For a clearance greater than 0,15 mm higher-viscosity bonding products should be selected instead (>2.000 mPa-s).

- **Temperature resistance**

Most locking products feature a temperature resistance up to 150 °C. For applications requiring higher temperature resistance, specific products have been formulated, with a temperature resistance up to 230 °C.

- **Bonding resistance**

For those applications requiring permanent bond, we recommend a high-resistance locking product. Should maintenance and disassembly of parts be required, a medium-strength product should be preferred, featuring a lowering shear resistance.

- **Polymerization speed**

Many applications require a quick-polymerization product so to maximize production time. On the other hand, some applications require a slower polymerization so to permit readjustment of parts after assembly.



RETAINERS FOR CYLINDRICAL COUPLINGS

LOCTITE



ITEM: 603

Suitable for locking tight cylindrical couplings where a penetrating action is required. Low viscosity. High tensile strength. Oil impregnated applications.

- Resistance: High
- Operating temperature: -55 / +150 °C
- Low viscosity
- Color: Green
- **Max. diametrical clearance: 0.1 mm**

Tech. Code		J0136050	J0136250
GR72	Euro	47,20	162,50
Package		Bottle	Bottle
Quantity	ml	50	250
		12	1



ITEM: 638

High thermal resistance product suitable on all metals including corrosion resistant metals such as aluminium, steel and galvanized surfaces. Suitable for drive shafts, gears, pulleys and other cylindrical parts. Approved for gas, drinking water and food environment.

- Resistance: High
- Operating temperature: -55 / +180 °C
- Medium viscosity
- Color: Green
- **Max. diametrical clearance: 0.25 mm**
- **Approval: DVGW, WRAS, NSF**

Tech. Code		J0137050	J0137250
GR72	Euro	48,30	169,20
Package		Bottle	Bottle
Quantity	ml	50	250
		12	1





ITEM: 641

Ideal for medium strength fixing of bearings, bushings, keys and grooved couplings in general. To be used for components requiring subsequent disassembly.

- Resistance: Medium
- Operating temperature: -55 / +150 °C
- Low viscosity
- Color: Yellow
- **Max. diametrical clearance: 0.1 mm**

Tech. Code		J0138050
GR72	Euro	47,80
Package		Bottle
Quantity	ml	50
		12



ITEM: 648

Product with high thermal resistance. It also glues in the presence of contaminants such as industrial oils. Excellent on all metals including corrosion resistant metals such as stainless steel, aluminium and galvanized surfaces. Ideal for blocking parts with or without interference. Approved for gas, drinking water and food environment.

- Resistance: High
- Operating temperature: -55 / +180 °C
- Low viscosity
- Color: Green
- **Diametric play max: 0.15 mm**
- **Approval: DVGW, WRAS, NSF**

Tech. Code		J0139050	J0139250
GR72	Euro	46,95	165,55
Package		Bottle	Bottle
Quantity	ml	50	250
		12	1





PRODUCT INFO FLANGE SEALANT

Flange sealants are employed to prevent leakage of fluids or gases. It's a liquid gasket designed to ensure perfect sealing of the components, for best adhesion between contact surfaces avoiding flange corrosion. An instant low-pressure sealing while polymerization takes up to 24 hour to complete

When choosing the right flange sealant we define what follows:

• **Rigid Flange Sealant:**

Remain liquid when exposed to air, yet polymerize to a tough solid when filling the space between the flange surfaces. Anaerobic sealants are ideal for rigid metal-metal joints with a very small to no clearance

• **Silicone-based products for flexible flanges:**

Silicone-based sealants comprise products with specific properties, such as, a superior fluid or high operating temperature resistance. Ideal for large-clearance applications and for joints where flange movement is required

• **Liquid Gaskets:**

May be used for any type of flange. Must be applied liquid on a flange surface before proceeding to parts coupling. Then the sealant agent distributes and polymerizes in between flanges, filling gaps, scratches and uneven surfaces for a long-lasting sealing result.



FLANGE SEALANTS FOR HIGH TEMPERATURES

LOCTITE

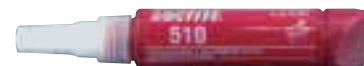


ITEM: 510

Anaerobic paste adhesive for use on rigid flanges. High thermal and chemical resistance. Ideal for application on vertical surfaces. Approved for use in the food industry.

- Resistance: Medium
- Operating temperature: -55 / +200 °C
- Max clearance: 0.25 mm
- Color: Pink
- **Fixing time (steel): 25 min**
- **Fixing time (aluminium): 45 min**
- **P1 NSF Certificate : Can be used in the food industry.**
- **Not suitable for food contact**

Tech. Code		J0141050	J0141250
GR72	Euro	30,75	101,25
Package		Tube	Tube
Quantity	ml	50	250
		12	1



FLANGE SEALANT WITH LOW MECHANICAL STRENGTH

LOCTITE



ITEM: 573

Anaerobic paste adhesive for use on rigid and machined flanges. Low resistance, specific where slow polymerization is required.

- Resistance: Low
- Operating temperature: -55 / +150 °C
- Max clearance: 0.1 mm
- Color: Green
- **Fixing time (steel): 9 hours**
- **Fixing time (aluminium): 12 hours**

Tech. Code		J0142050	J0142250
GR72	Euro	27,20	(102,55)
Package		Tube	Tube
Quantity	ml	50	250
		12	1



FLANGE SEALANT WITH MEDIUM MECHANICAL STRENGTH

LOCTITE



ITEM: 518

Anaerobic gel adhesive for sealing rigid cast iron and aluminium flanges. Thixotropic, semi-flexible. Approved for use in contact with food.

- Strength: Medium
- Service temperature range: -55 / +150 °C
- Max clearance: 0.3 mm
- Colour: Red
- **Fixing time (steel): 25 min**
- **Fixing time (aluminium): 20 min**



Tech. Code		J0144050	J0144300
GR72	Euro	33,20	(136,95)
Package		Syringe	Cartridge
Quantity	ml	50	300
		10	2

MULTIPURPOSE FLANGE SEALANTS

LOCTITE



ITEM: 574

Anaerobic paste adhesive, ideal for use on rigid metal parts such as iron moulds and pump housings.

- Resistance: Medium
- Operating temperature: -55 / +150 °C
- Max clearance: 0.25 mm
- Color: Orange
- **Fixing time (steel): 15 min**
- **Fixing time (aluminium): 45 min**

Tech. Code		J0143050
GR72	Euro	29,90
Package		Bottle
Quantity	ml	50
		12



ANAEROBIC ADHESIVE ACTIVATOR

LOCTITE



ITEM: SF 7649

Acetone-based activator specific for all anaerobic adhesives.

Increases the polymerization speed, particularly at temperatures lower than 15°C.

Very useful in case of large bond gaps.

Tech. Code		J0145500
GR72	Euro	61,15
Package		Canister
Quantity	ml	500
		1



PERISTALTIC HAND PUMPS

LOCTITE

ITEM: 98414 - 97001

Manual dispensers. They are easily screwed onto all bottles of Loctite anaerobic, threadlocker, thread sealer and blockers of 50 and 250 ml. Designed to dose drops from 0.01 to 0.04 ml of product from every angle without loss or waste. Suitable for low and medium viscosity products.

Tech. Code	J0146001	J0146002
GR72	Euro	
	(167,52)	(148,72)
For bottles	50 ml	250 ml
	1	1



MAUAL DISPENSER PRO PUMP

LOCTITE

ITEM: PRO PUMP

Manual dispenser for 50 and 250ml bottles of thread locker. Adjustable nozzle in 3 positions. Guarantees precision and cleanliness of the application. Speeds up adhesive positioning operations and reduces product waste.

Tech. Code	J0149001
GR72	Euro
	(61,12)
For bottles	ml
	50 - 250
	1



DOSING NEEDLES

LOCTITE

ITEM: J0147

Loctite dosing needles for correct and precise dispensing of the product.

PPF - Flexible dosing Tips in polypropylene

PPC - Conical dosing Tips in polypropylene

SSS - Stainless Steel Tips

Tech. Code	GR72 Euro	Tip type	Ø Nozzel mm	Colour	
J0147025F	114,80	PPF	0,25	Red	1
J0147061F	114,80	PPF	0,61	Rosa	1
J0147084F	114,80	PPF	0,84	GREEN	1
J0147137F	114,80	PPF	1,37	Amber	1
J0147041P	62,08	PPC	0,41	Blue	1
J0147061P	62,08	PPC	0,61	Rosa	1
J0147084P	62,08	PPC	0,84	GREEN	1
J0147119P	62,08	PPC	1,19	Gray	1
J0147025S	54,56	SSS	0,25	Red	1
J0147061S	54,56	SSS	0,61	Rosa	1
J0147084S	54,56	SSS	0,84	GREEN	1
J0147137S	54,56	SSS	1,37	Amber	1

Package consisting of 50 pieces

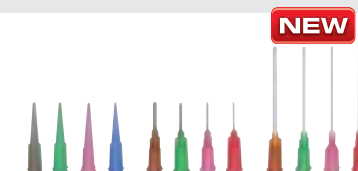


DOSING NEEDLES KIT

ITEM: J0148

Dosing needles kit . Contains 2 needles of each type of the J0147 range.

Tech. Code	J0148KIT
GR72	Euro
	47,04
Packaging	Bag
	1





PRODUCT INFO STRUCTURAL ADHESIVES

A structural bond joins strongly and permanently two similar or dissimilar materials by means of an adhesive and acts as a bridge between surfaces.

When designing bonded joints the following factors should be considered:

- Surfaces to be joined should have the greater extent possible so to transfer sufficient forces.
- Stresses should be uniformly distributed.

Type of joints fit for structural bond: wherever parts are subject to shear stress, traction and compression.

Type of joints which are not fit for structural bond: end to end connectors, breaking and peel loads.

Rigid bonding (curing)

Hard rigid curing adhesives are commonly employed to transmit high loads therefore replacing commonly used mechanical fastening systems. Two parts which bond by such kind of adhesives may be defined as structurally bond. It's mechanical properties such as high resistance and modulus jointly with superior adhesive performance have proved to be effective in highly demanding sectors such as aerospace and automotive industry.

Hard, rigid bonding offers users considerable benefits:

- An easier building process, better rigidity and higher resistance, an improved transmission of forces.
- It prevents stress failures while ensuring uniformly distributed tension stresses, preserving structural integrity.
(no weakening of the material due to the heat of welding or to drilling)
- Reduced production costs as no traditional fastening methods are used (screws, rivets or welding).
- Reduces costs of materials and related weight, allows to use thinner materials and does affect the product performance.
- It allows also to join a combination of materials such as metal and plastic, metal and glass, metal and wood, etc..

Among differing technologies we herewith define:

- Epoxy products
- Acrylics
- Polyurethanes
- Silicones
- Silane Modified Polymers



MULTIBOND ACRYLATE ADHESIVES

LOCTITE



ITEM: AA 330

Structural adhesive suitable for most materials (except rubber), to be used with activator SF 7388. Excellent impact resistance, rapid polymerization.

- Working temperature: up to 100 °C
- Fixing time: 3 min
- Color: Light Yellow
- **For all materials (except rubber)**
- **P1 NSF Certificate: Can be used in the food industry.**
- Not suitable for food contact**



Tech. Code		J1001315
GR72	Euro	68,10
Package		Tube
Quantity	ml	315
		2

LIQUID ACTIVATORS FOR MULTIBOND ADHESIVES

LOCTITE



ITEM: SF 7386 / SF 7388

Heptane based activator for acrylic adhesives. Fixing time and polymerization speed depend on the adhesive, glued material and surface cleaning.

Tech. Code		J1003150	J1003500
GR72	Euro	44,50	99,40
Package		Canister	Bottle
Quantity	ml	150	500
		12	1



MULTIBOND ADHESIVE + ACTIVATOR KIT

LOCTITE



ITEM: 330 / 7388

Kit composed of multiband acrylate adhesive AA 330 + activator SF 7388.

Tech. Code		J10045040
GR72	Euro	55,20
Package		Tube + Spray
Quantity	ml	50 + 40
		1



BI-COMPONENT TOUGH EPOXY ADHESIVES WITH HIGH VISCOSITY

LOCTITE



ITEM: EA 3425

Two-component structural epoxy adhesive with slow polymerization. Excellent for bonding metals and large surfaces. Thixotropic.

- Working temperature: -55 / +120 °C.
- Fixing time: 240 min
- Peel resistance: 1.5 - 2.5 N/mm
- Colour: Yellow/White
- **For metals and large surfaces**

Tech. Code		J1010050
GR72	Euro	25,50
Package		Double cartridge
Quantity	ml	50
		10



BI-COMPONENT EPOXY QUICK ADHESIVES

LOCTITE



ITEM: EA 3430

Fast structural two-component epoxy adhesive. Impact and water resistant. Suitable for applications requiring a transparent joining line. Ideal for glass, decorative panels and general DIY applications.

- Working temperature: -55 / +100 °C.
- Fixing time: 15 min
- Peel resistance: 3 N/mm
- Colour: Ultra transparent
- **For glass**

Tech. Code		J1011024
GR72	Euro	16,00
Package		Double syringe
Quantity	ml	24
		12



BI-COMPONENT EPOXY QUICK ADHESIVES CHARGED WITH STEEL

LOCTITE



ITEM: EA 3450

Two-component structural epoxy adhesive with rapid polymerization. The play filling capacity makes it ideal for repairing damaged metal parts.

- Operating temperature: -55 / +100 °C
- Fixing time: 15 min
- Peeling resistance: -
- Colour: Grey
- **Repairs of metal parts**

Tech. Code		J1012025
GR72	Euro	15,60
Package		Double syringe
Quantity	ml	25
		6



APPLICATOR GUNS DUAL CARTRIDGE

LOCTITE

ITEM: 96001

For the continuous and automatic mixing of two-component structural adhesives. Suitable for epoxies, polyurethanes, acrylics, cyanoacrylates and modified silane polymers.

Tech. Code		J1013050
GR72	Euro	69,68
Cartridge size	ml	50
Mixing ratio		1:1, 2:1
		1



QUICK EPOXY COMPOUNDS

LOCTITE



ITEM: EA 3463 METAL MAGIC STEEL

Two-component epoxy in kneadable stick format loaded with steel. Adheres on wet surfaces and polymerizes in water. Resistant to chemicals. Can be drilled, sanded and painted.

- Operating temperature: -30 / +120 °C.
- Fixing time: 10 min
- **For leaks in pipes and tanks. Repairing small cracks**



Tech. Code		J1014114
GR72	Euro	16,60
Package		Stick
Quantity	g	114
		6

NON-METALLIC THIXOTROPIC ANAEROBIC PASTES

LOCTITE



ITEM: QUICK METAL 660

Ideal for repairing worn coaxial couplings. Allows you to restore bearing seats or keyways. Suitable for filling clearances up to 0.5 mm using the activator SF7649. Approved for use in a food processing environment.

- Resistance: High
- Operating temperature: -55 / +150 °C
- High viscosity
- Colour: Silver
- Max. diametrical clearance: 0.5 mm
- **To repair very worn coaxial couplings**
- **P1 NSF Certificate : Can be used in the food industry.**
- **Not suitable for food contact**



Tech. Code		J1015050
GR72	Euro	48,55
Package		Bottle
Quantity	ml	50
		2



SILANE MODIFIED POLYMER SEALANTS

TEROSON



ITEM: MS 930 BIANCO

Mono-component modified silane adhesive, specific for flexible structural bonding. With medium modulus, pasty consistency, thixotropic, shock absorbent. White. MPA fire resistance certified.



Tech. Code		J1107300
GR72	Euro	12,80
Package		Cartridge
Quantity	ml	310
		12

SILANE MODIFIED POLYMER SEALANTS

NPT



ITEM: SIMP SEAL 25HM

High performance sealing adhesive. **Medium/low modulus**. Ideal for bonding and sealing various materials. Permanently elastic, excellent resistance to UV and atmospheric agents. Can be over-painted even when wet. Does not swell or shrink. Solvent and isocyanate free. Suitable for bonding metals, galvanized and stainless steels, aluminium, painted surfaces, plastics and fibreglass. Multi-purpose for the building sector. Door and window frames, horizontal and vertical joints, cladding, sheet metal and light metalwork in general. **EC1 Plus certified due to very low VOC (volatile organic compound) emissions**



Tech. Code		J111125B
GR74	Euro	7,50
Colour		White
Package		Cartridge
Quantity	ml	290
		12



ITEM: SIMP SEAL 55

High performance sealing adhesive. **Medium/high modulus**. Ideal for the elastic bonding and sealing of various materials. Excellent resistance to UV and atmospheric agents. Can be over-painted even when wet. Does not swell or shrink. Solvent and isocyanate free. Suitable for bonding metals, galvanized and stainless steels, aluminium, painted surfaces, plastics and fibreglass, used in the furniture manufacturing, nautical and transport sectors. Rapid bonding. **ISEGA Certification for food contact materials. IMO certification for marine use. EC1 Plus certified due to very low VOC (volatile organic compound) emissions**



Tech. Code		J111455B	J111455N
GR74	Euro	8,20	8,20
Colour		White	Black
Package		Cartridge	Cartridge
Quantity	ml	290	290
		12	12



ITEM: SIMP CLEAR

High performance sealing adhesive for elastic bonding where high transparency is required. **Medium/high modulus**. Ideal for bonding various materials. Can be over-painted even when wet. Does not swell or shrink. Solvent and isocyanate free. Suitable for gluing glass, metals, aluminium, plastics, fibreglass and general assembly work. Rapid curing. Low resistance to UV light. **ISEGA Certification for food contact materials.**



Tech. Code		J111755T
GR74	Euro	(10,30)
Colour		Transparent
Package		Cartridge
Quantity	ml	290
		12

POLYURETHANE SEALANTS

NPT



ITEM: U SEAL 500

High-performance sealing adhesive. Suitable for bonding various materials such as steel, sheets, painted surfaces and plastics. Good UV resistance, does not swell or shrink. Sandable and paintable after the film has formed.



Tech. Code		J1123500B	J1123500N
GR74	Euro	7,10	7,10
Colour		White	Black
Package		Cartridge	Cartridge
Quantity	ml	310	310
		12	12

ACETIC SILICONE SEALANTS



ITEM: SILICON 5

High mould resistance, ideal for sealing non-porous materials (glass, ceramic), sanitary ware, sinks.



Tech. Code		J1222280T	J1222280B
GR72	Euro	5,95	6,36
Colour		Transparent	White
Package		Cartridge	Cartridge
Quantity	ml	280	280
		25	25

ACETIC SILICONE SEALANTS



ITEM: SL 500

High mould resistance, ideal for sealing non-porous materials (aluminum, metal), metal seals for windows and door frames, gutters and so forth.



Tech. Code		J1223300G	J1223300N
GR72	Euro	6,87	6,87
Colour		Grey	Black
Package		Cartridge	Cartridge
Quantity	ml	300	300
		12	12

ACETIC SILICONE SEALANTS



ITEM: SL 501

High resistance to mold and chemicals, ideal in bathrooms and wet environments.



Tech. Code		J1224300T
GR72	Euro	7,34
Colour		Transparent
Package		Cartridge
Quantity	ml	300
		25



ITEM: SL 503

Ideal for thermal insulation of windows and door frames, sealing glass to wood or pre-painted metal.



Tech. Code		J1225300T
GR72	Euro	7,79
Colour		Transparent
Package		Cartridge
Quantity	ml	300
		25

NEUTRAL SILICONE SEALANTS



ITEM: SL 618

Does not stain and is resistant to vibration and deformation, ideal for bonding mirrors and polycarbonate plates and for sealing plastic materials (except PE, PP, PTFE)



Tech. Code		J1231300T
GR72	Euro	9,66
Colour		Transparent
Package		Cartridge
Quantity	ml	300
		25



ITEM: SL 620 FUSION

High resistance to mould, weathering, acids and UV rays, ideal for sealing in buildings (windows and door frames, plumbing, air conditioning and ventilation).
New formula fusion without oximes.



Tech. Code		J1232300T	J1232300B	J1232300G	J1232300N
GR72	Euro	8,17	8,47	8,58	8,58
Colour		Transparent	White	Grey	Black
Package		Cartridge	Cartridge	Cartridge	Cartridge
Quantity	ml	300	300	300	300
		25	25	12	12

ACETIC SILICONE SEALANTS HEAT RESISTANT



ITEM: SL 509

Ideal for sealing metal parts exposed to high temperatures (250° in continuous), replacement seals for pumps, motors and tool machines and paste crystal furnace profiles.



Tech. Code		J1237300R
GR72	Euro	11,95
Colour		Red
Package		Cartridge
Quantity	ml	300
		12

POLYURETHANE FOAM



ITEM: PF 100

Pattex PF 100 is a polyurethane mono-component full-range foam, for manual applications. Conforms to class B3 Specifically formulated for doors and windows mounting operations. Fills perfectly secondary frames' gaps or gaps between frames and walls. After hardening, the foam may be cut, filled-plastered, perforated and painted. Mould, bacterial growth and chemical agents resistant.



It ensures good adhesion on construction materials wood, metal and plastic materials (PE,PP, PTFE excepted)

Tech. Code		J12430750
GR72	Euro	7,61
Application		Manual
Quantity	ml	750
		12

SILICONE CARTRIDGE GUN



ITEM: KPM 2

Model with rotating shell, suitable for standard silicone cartridges. Suitable for standard silicone cartridges.

Tech. Code		J1310001
GR74	Euro	48,00
Type		Professional



SILICONE CARTRIDGE GUNS

ITEM: J1312

Suitable for standard silicone cartridges.

Tech. Code		J1312001
GR74	Euro	8,70
Type		Economic



SILICONE CARTRIDGE PNEUMATIC GUNS

ITEM: J1314

Aluminum body, anodized tube, quick exhaust valve to allow instantaneous interruption of product delivery.

Tech. Code		J1314001
GR74	Euro	70,00
Coupling		Milled nut 1/4"



HOT GLUE GUNS



ITEM: PKP18E

Suitable for hot glue sticks max. length mm 200, mechanical dosage feed, extrusion capacity 20 g/min.

INCLUDED:

1 hot glue stick - 1 extra-long nozzle



Tech. Code		J1316060
GR64	Euro	83,00
Absorbed power	W	200

ITEM: GKP200CE

Suitable for hot glue sticks max. length mm 200, mechanical dosage feed, with electronically controlled temperature, extrusion capacity 30 g/min, removable cable, supplied with plastic carrying case.

INCLUDED:

1 universal nozzle, 1 extra-long nozzle,
1 wide-slot nozzle, 8 hot glue sticks.



Tech. Code		J1318500
GR64	Euro	165,00
Absorbed power	W	500

TRANSPARENT HOT MELT GLUE STICKS



ITEM: J1320



Tech. Code		J132001	J132005
GR74	Euro	16,50	59,00
Stick		12 x 200	12 x 200
Package		1 Kg bag	5 Kg box
Pieces		50	250

MULTI-PURPOSE SPRAY ADHESIVE



ITEM: SPRAYGLUE

Spray glue is a non-reusable multi-purpose spray adhesive.

Ideal for many types of gluing, It can withstand up to 200°C

Suitable for bonding paper, cardboard, wood, fabrics, leather, plastic, glass, fibers, rock wool and absorbent materials.



Tech. Code		J1330400
GR73	Euro	5,62
Package		Spray can
Quantity	ml	400
		12

GASKET MASTICS



ITEM: 0019

Suitable for positioning and fixing all types of traditional gaskets, resistant to coolant, oil, petrol and pressure.



Tech. Code		J1340200
GR74	Euro	19,89
Package		Jar
Quantity	ml	200
		6

LIQUID GASKET



ITEM: 0012

Suitable for making gaskets for mechanical couplings, resistant to water, mineral oils, fuel, diluted acids and fats.

Tech. Code		J1345065
GR74	Euro	13,34
Package		Tube
Quantity	ml	65
		6



RED SILICONE AUTO-LEVELING GASKETING



ITEM: 596

Suitable for flexible assembly and sealing with clearance up to 8 mm, resistant to high temperatures (-55°C +250°C).

Tech. Code		J1347080
GR72	Euro	8,50
Package		Tube
Quantity	ml	80
		6

LOCTITE



RED SILICONE AUTO-LEVELING GASKETING



ITEM: 0096

Suitable for making gaskets for mechanical couplings that operate in difficult conditions, resistant to high temperatures (-70°C +250°C) with peaks of up to 300°C. Vulcanizing at environment temperature, excellent resistance to water, moisture and oil.

Tech. Code		J1350060
GR74	Euro	18,19
Package		Tube
Quantity	g	60
		6



ITEM: RS01

Suitable for making gaskets for mechanical couplings that operate in difficult conditions, resistant to high temperatures (-70°C + 250°C) with peaks of up to 300°C. Vulcanizing at environment temperature, excellent resistance to water, moisture and oil.

Tech. Code		J1351300R
GR74	Euro	64,42
Package		Cartridge
Quantity	ml	310
		12



BLACK SILICONE GASKETING



ITEM: 0094

Suitable for all motoring works and anywhere you need a resistant gasket. Fast acetic polymerization. Resistant to high temperatures from -70°C to 250°C, with peaks of up to 300°C.

Tech. Code		J1353060
GR74	Euro	19,10
Package		Tube
Quantity	g	60
		6



QUICK PENETRATING RELEASE AGENT WITH LUBRICATING ACTION

LTEC



ITEM: BOLT SBLOC

BOLT SBLOC is a multi-purpose lubricating, releasing and cleaning product with high capacity of action; it contains highly refined solvents with high capacity action that guarantee high product performance. The BOLT SBLOC releasing lubricant, thanks to its formulation, has the ability to release and at the same time lubricate the oxidized corroded mechanical parts: this thanks to its high penetrating power. Thanks to its new spray dispenser the BOLT SBLOC has a triple possibility of use for direct, short and long range vaporization. The BOLT SBLOC product, thanks to its new packaging also works upside down. The innovative formulation of the product has made it possible to eliminate chlorinated solvents from the formulation, maintaining the lubrication performances at a very high level intact. The BOLT SBLOC release product is entirely produced, checked and packaged in Italy according to the highest standards. The product is recommended for lubrication, cleaning and protection of mechanical parts of machines. Thanks to its formulation, the product has a high water repellent and protective capacity against atmospheric agents. It unlocks, lubricates, cleans, removes moisture and prevents corrosion.



Tech. Code		J2120400
GR73	Euro	7,14
Package		Spray can
Quantity	ml	400
		12

MULTI-PURPOSE LUBRICANTS

SVITOL



ITEM: SVITOL

New double-action spray nozzle for targeted or wide-range vaporization. Suitable for releasing hard oxidized pieces, protects and prevents rust formation.

Tech. Code		J2140200	J2140400
GR74	Euro	9,03	10,15
Package		Spray can	Spray can
Quantity	ml	200	400
		24	24



MULTI-PURPOSE LUBRICANTS

LOCTITE



ITEM: 8201

Five-way mineral-based release agent. unlocks, lubricates, cleans, removes moisture and prevents corrosion. Ideal for lubricating metal and plastic, resistant up to 120°C.

Tech. Code		J2150400
GR72	Euro	6,95
Package		Spray can
Quantity	ml	400
		12



MULTI-PURPOSE LUBRICANTS

WD-40



ITEM: WD 40

In spray format, new double-action nozzle for targeted or wide-range vaporization. Suitable for releasing, clean, lubricating and protecting parts subject to oxidation. It is waterproof, anti-corrosion, usable on painted surfaces.

Tech. Code		J2160500	J21605000	J216025000
GR74	Euro	9,90	65,00	225,00
Package		Spray can	Can	Can
Quantity	L	0.5	5	25
		6	1	1



COLD ZINC PROTECTOR

LTEC



ITEM: ZINC SHIELD

ZINC SHIELD cold zinc anticorrosive is a product designed to protect all ferrous surfaces from corrosion. ZINC SHIELD can be used to restore galvanization affected by atmospheric agents. Contains micronized zinc with a 99% purity.

Tech. Code		J2455400
GR73	Euro	8,57
Package		Spray can
Quantity	ml	400
		12



PROTECTOR WITH HIGH ZINC CONTENT

LTEC



ITEM: ULTRA ZINC II

The ULTRA ZINC II high zinc protective product is a product designed and formulated to cover all ferrous surfaces and has the task of improving the protection of surfaces. Contains 99% purity zinc with the task of maximizing surface protection. The surface of the product after the application of ULTRA ZINC II takes on the appearance of a bright zinc coating.

Tech. Code		J2450400
GR73	Euro	6,83
Package		Spray can
Quantity	ml	400
		12



STAINLESS STEEL COATING

LTEC



ITEM: INOX SHIELD

INOX SHIELD is a coating based on stainless steel in a can suitable for the coating of ferrous metals in general.

The SHIELD INOX coating has the ability to restore the stainless patina affected by welding operations.

Thanks to its innovative formula, INOX SHIELD withstands high temperatures up to 600 ° C.

Tech. Code		J2460400
GR73	Euro	11,96
Package		Spray can
Quantity	ml	400
		12



POLISH FOR STAINLESS STEEL

LTEC



ITEM: LUCIDANTE SHINOX

LUCIDANTE SHINOX is a polishing product for parts and surfaces in steel and is also effective on chrome-plating. Thanks to its innovative formulation, the SHINOX polish is effective as a polishing and brightening product on all stainless steel and chrome surfaces, guaranteeing exceptional cleanliness and shine.

Tech. Code		J2465400
GR73	Euro	9,57
Package		Spray can
Quantity	ml	400
		12



CONCENTRATED SAFETY CLEANER

LTEC



ITEM: DEGREASE

DEGREASE concentrated detergent is a high efficiency product formulated to remove stubborn dirt from surfaces. DEGREASE quickly and efficiently removes grease, oils and greases from metal and plastic. The product is specific for manual washing of mechanical parts. Average concentration of use: 5%.

Tech. Code	J3530T1	J3530T3
GR73	Euro 34,01	105,07
Package	Can	Can
Quantity	kg 5	20
	1	1



CLEANER - DEGREASER

LOCTITE



ITEM: SF 7840

Multipurpose biodegradable cleaner. Suitable for removing grease, oil and dirt in general. Must be diluted in water. Solvent-free. Non-flammable.

Tech. Code	J3515FL	J3515T
GR72	Euro 8,05	34,85
Package	Bottle with sprayer	Can
Quantity	L 0.75	5
	12	4



ITEM: SF 7063

Multipurpose cleaner. Suitable for preparing components for the application of an adhesive or a sealant, can be used with metal, glass, rubber and most plastic and painted surfaces. Leaves no residue.

Tech. Code	J3680400	J3680010
GR72	Euro 26,45	200,45
Package	Spray can	Can
Quantity	L 0.4	10
	12	1



CLEANER - DEGREASER

OKS



ITEM: FULCRON

Cleaner suitable for removing any type of dirt, non-abrasive, non-toxic, free from ammonia, phosphates and dyes, it can be used pure or diluted in relation to the dirt, it is not flammable.

Tech. Code	J3520FL	J3520T	J3520F
GR74	Euro 8,82	45,01	200,93
Package	Bottle with sprayer	Can	Drum
Quantity	L 0.5	5	30
	24	4	1



UNIVERSAL CLEANER - DEGREASER

OKS



ITEM: 2611

2611 is a universal cleaner with high cleaning power. Thanks to its formulation it evaporates quickly without leaving residues and has the ability to protect the material from accidental contact with corrosive agents thanks to the VCI additives contained inside. 2611 has the ability to degrease all surfaces even those with high friction value such as brakes and clutches, surfaces where paint and adhesives are to be applied. The product has the ability to remove oil and grease residues, silicon brake fluids, bonding and sealing materials. The product has no rapid cooling, so no condensation on the surface is also free of chlorinated hydrocarbons and is free of petrol vapours.

Tech. Code	J3510500
GR74	Euro 17,19
Package	Spray can
Quantity	ml 500
	12



GLASS CLEANING



ITEM: VETRI PLUS

VETRI PLUS is an innovative product that thanks to its innovative formulation allows an excellent cleaning of glass thanks to a formulation that contains biodegradable surfactants that safeguards the environment. The new formulation VETRI PLUS guarantees an excellent anti-static action to eliminate and avoid the accumulation of dust on the surface.

VETRI PLUS glass cleaner cleans surfaces without leaving unpleasant smears. Ideal for cleaning glass, mirrors, lacquered surfaces, steel surfaces of machine or measuring instruments, chrome surfaces and tiles. Use the product by spraying it directly on the surface to be cleaned and wipe the product with a clean cloth.

The product does not need to be rinsed.



Tech. Code		J35251
GR73	Euro	4,26
Package	Bottle with sprayer	
Quantity	L	1
		12

CLEANERS FOR ELECTRIC AND ELECTRONIC DEVICES



ITEM: ELEC CLEAN

ELEC CLEAN is a cleaner for electrical panels formulated to dissolve the deposits of grease and oil from electrical and electronic equipment specific for delicate surfaces.

ELEC CLEAN has a very high penetration capacity so as to dissolve dirt even in the most difficult to reach positions. The ELEC CLEAN cleaner thanks to its innovative formulation has a very high drying speed. ELEC CLEAN cleaner is also ideal for degreasing precision mechanical parts. The product is recommended for cleaning electrical contacts, printed circuits, mechanical and electrical parts of printers and photocopyers.



Tech. Code		J3620400
GR73	Euro	7,72
Package	Spray can	
Quantity	ml	400
		12

ANTISTATIC CLEANER



ITEM: PULISCREEN

PULISCREEN is a product for cleaning and maintenance of monitors, keyboards and office equipment in general.

Cleans and polishes without marks, leaving behind an invisible protective film on the surfaces.

Removes and prevents the accumulation of static electricity. It is suitable for all types of surfaces, PVC, rubber-plastic, wood, steel, glass, ceramic.

Application areas: LCD and plasma screens, computers, crystals, mirrors, glass, wood and metal furniture, motorcycles, cars, boats.



Tech. Code		J3640400
GR73	Euro	7,72
Package	Spray can	
Quantity	ml	400
		12

COMPRESSED AIR SPRAY



ITEM: AIR JET

AIR JET is a CFC-free air blower suitable for daily maintenance of optical and electronic equipment. It is ideal for cleaning electronic boards and integrated circuits.



Tech. Code		J3650400
GR73	Euro	5,46
Package	Spray can	
Quantity	ml	400
		12

GAS LEAK DETECTORS

LTEC



ITEM: LEAK VIEWER

Specific to quickly detect gas, nitrogen, oxygen, carbon dioxide, compressed air leakage.

Tech. Code		J3670400
GR73	Euro	10,15
Package		Spray can
Quantity	ml	400
		12



NEUTRAL DETERGENT

LTEC



ITEM: FULNET

FULNET is a liquid detergent of aquamarine colour with neutral pH, usable both diluted and pure. FULNET is a low-foaming product that requires low rinsing operations. Thanks to its neutral pH, FULNET is also indicated for the removal of neat and emulsifiable oils from surface. After applying the FULNET detergent, wait a few seconds for the product to fully express its disintegrating action on the dirt.

APPLICATIONS

Hard surfaces in general, plastics and varnishes, synthetic surfaces. Machine tools, textiles and printing machines. Car interiors and industrial vehicles. Porcelain, Marble, Aluminum, Vinyl, Linoleum and industrial flooring in general.

Tech. Code		J35181
GR73	Euro	6,57
Package		Bottle with sprayer
Quantity	L	1
		12



UNIVERSAL DETERGENT

LTEC



ITEM: BLU WASHER

BLU WASHER detergent is a product composed of a balanced mixture of alkalis, wetting agents and detergents. BLUE WASHER is formulated to be a fast acting detergent safeguarding the material from surface corrosion of both natural and synthetic matrices. Thanks to the balanced formulation BLUE WASHER cleans and provides a slight anti-rust protection on the degreased metal surfaces.

The product should be used diluted in water at 4% - 8%.

Tech. Code		J3545T2
GR73	Euro	249,69
Package		Can
Weight	kg	20



DETERGENT FOR HOT CLEANING SYSTEM

LTEC



ITEM: MC CLEAN

MC CLEAN is a hot detergent for washing machines specially formulated to cleanse all metals and yellow alloys by spraying, flotation, immersion and ultrasound, obviating the drawbacks of strongly alkaline formulations. It can be used in the mechanical industry, engineering, for the degreasing of mechanical parts, small parts, engine parts, to easily remove neat oils and emulsions, sludge, scraps. The product has an effective detergent and antioxidant action; the concentration of use can vary between 1% and 3% for steel parts, with an operating temperature between 40°C and 60°C. Contact times are based on the dirt toughness. The maximum detergent power is obtained starting from 2%.

Tech. Code		J3552T2
GR73	Euro	157,20
Package		Can
Quantity	kg	20



DETERGENTS FOR HYDRO CLEANERS



ITEM: MRN BLU

MRN BLU is a universal degreaser for use in high-pressure washers.

The MRN BLU cleaner for water cleaners effectively removes oils, greases, mineral or synthetic oils residues from surfaces, while providing an effective protective effect.

Tech. Code		J3560T
GR73	Euro	104,00
Package		Can
Weight	kg	25



CONCENTRATED DETERGENT FOR FLOOR CLEANING MACHINES



ITEM: FAST CLEAN

FAST CLEAN is a liquid detergent for washing floors with washer-dryer machines. It is not foaming. Suitable for cleaning floors in cement, clinker, natural and artificial stones. (not wood). FAST CLEAN is suitable for cleaning very dirty rooms, workshops, warehouses, industrial floors and sports facilities. It has a strong degreasing power and eliminates any kind of dirt. Dilute to 2.5 - 4 % with water, depending of the degree of dirt on the surface to be treated. Pour the product directly into the machine tank. Warnings: before applying it, check the colour of the floor.

Tech. Code		J3565T
GR73	Euro	113,40
Package		Can
Weight	kg	25



UNIVERSAL SAFETY SOLVENT



ITEM: UNISOLV

The UNISOLV Low-volatility odourless solvent is a product formulated to maximize the cleaning and solubilization of dirt.

UNISOLV is a solvent suitable for removing greases and oils and protective for mechanical parts and ideal for preparing surfaces to be painted and glued.

The product has been studied and formulated to replace the most dangerous solvents in mechanical workshops, maintaining a very high detergent power.

Tech. Code		J3540T1	J3540T2
GR73	Euro	45,51	162,28
Package		Can	Can
Quantity	L	5	20



DE-MINERALIZED WATER



ITEM: AQUAPUR

For industrial use.

Produced with reverse osmosis technology.

Electrical conductivity: max 17 µs.

Tech. Code		J36850005	J36850020	J36851000
GR73	Euro	5,46	(20,27)	(681,31)
Package		Can	Can	IBC
Quantity	L	5	20	1000





ITEM: J3810

Fast-drying, high-grip power on all surfaces, even on difficult material such as plastic and standing finishes. It does not yellow and remains unchanged over time, re-paintable, with self-cleaning valve.



Tech. Code	GR74 Euro	Package	Quantity ml	Colour	RAL	
J38101021	8,14	Spray can	400	Polished cadmium yellow	1021	6
J38102004	8,14	Spray can	400	Polished pure orange	2004	6
J38103020	8,14	Spray can	400	Polished traffic red	3020	6
J38105012	8,14	Spray can	400	Light blue	5012	6
J38105015	8,14	Spray can	400	Polished sky blue	5015	6
J38106011	8,14	Spray can	400	Polished reseda green	6011	6
J38107001	8,14	Spray can	400	Polished silver grey	7001	6
J38107035	8,14	Spray can	400	Polished light grey	7035	6
J38109005	8,14	Spray can	400	Polished black	9005	6
J38109010	8,14	Spray can	400	Polished white	9010	6
J3810NEOP	8,14	Spray can	400	Opaque black	-	6
J3810TRLU	8,14	Spray can	400	Polished transparent	-	6

Related products

3M HALF-MASKS FOR GAS AND VAPOURS

Tech. Code	Description
K5380100	Complete respirator
K5380R100	Pre-filter for painting protection (pack of 10)



The products are available in chapter K

Related products

ONE PIECE DISPOSABLE OVERALLS WITH HOOD

Tech. Code	Size
K3204L	L
K3204M	M
K3204XL	XL
K3204XXL	XXL



The products are available in chapter K

GREASE GUNS

ITEM: J4110

Black painted steel body, "Zerk" tip type for lubricators with convex head.

Tech. Code		J4110C
GR74	Euro	10,38
Capacity	g	200
ø body	mm	45
Length	mm	320



ITEM: J4111

Black painted steel body, "Lub" tip type for lubricators with concave head.

Tech. Code		J4111P
GR74	Euro	10,38
Capacity	g	200
ø body	mm	45
Length	mm	320



GREASE LEVER COMPRESSORS

ITEM: J4120

Black galvanized steel body suitable also for bulk grease charging.

Tech. Code		J4120250	J4120500	J41201000
GR74	Euro	18,16	23,35	27,23
For cartridges	g	-	400	600
For cartridges ø	mm	Unpackaged grease only	52	56
Capacity	g	300	500	1000



PROFESSIONAL HAND OPERATED GREASE PUMPS

ITEM: J4122

Professional greasing kit in box including a professional hand operated grease pump, complete with 300 mm rubber hose and 4-chuck jaw grease coupler Suitable for general-purpose standard cartridges or bulk grease.

Tech. Code		J41220500
GR74	Euro	42,73
For cartridges	g	400
For cartridges ø	mm	52
Capacity	g	500



PROFESSIONAL LEVER AND GUN COMPRESSORS

ITEM: J4124

Professional manual compressor that can be lever operated or even pistol operated with one hand. Aluminum head and black anti-slip knob, with vent valve for air bubbles. It can also be used with bulk grease. The kit includes a 400mm flexible hose, a rigid pipe straw and a 4-jaw head.

Tech. Code		J4124500
GR74	Euro	83,16
For cartridges	g	400
For cartridges ø	mm	52
Capacity	g	500



FLEXIBLE NYLON HOSE FOR GREASE COMPRESSORS

ITEM: J4125

Nylon tubing feature a working pressure of 200 Bar and are tested to max pressure of 800 Bar.

Rubber hoses feature a working pressure of 400 Bar and are tested to a max pressure of 1000 Bar.

Tech. Code	GR74 Euro	L mm	Hose ø mm	Type	Threaded coupling
J4125300	3,89	300	4 x 8,4	Nylon	M 10 x 1
J4125400	3,89	400	4 x 8,4	Nylon	M 10 x 1
J4125500	5,18	500	4 x 8,4	Nylon	M 10 x 1
J4125300G	3,96	300	4 x 11	Rubber	M 10 x 1
J4125400G	4,70	400	4 x 11	Rubber	M 10 x 1
J4125500G	5,15	500	4 x 11	Rubber	M 10 x 1



GREASE NIPPLE COVERS



ITEM: J4137

PVC red coloured covers for hydraulic grease nipples.

Price refers to 10 pcs blister packaging. Retail minimum order packaging.

Tech. Code		J4137R10
GR74	Euro	1,30
Description		Grease nipple cover



LUBRICATOR HEADS

ITEM: J4130

Three-jaw model.

Suitable for lubricators with "Hydraulic" spherical head type.

Tech. Code		J41301
GR74	Euro	2,60
Threaded coupling		M 10 x 1



ITEM: J4131

Four-jaw model.

Suitable for lubricators with "Hydraulic" spherical head type.

Tech. Code		J41312
GR74	Euro	14,28
Threaded coupling		M 10 x 1



ITEM: J4132

Suitable for lubricators with 15 mm hexagonal head.

Tech. Code		J41323
GR74	Euro	3,89
Threaded coupling		M 10 x 1



HYDRAULIC GREASE NIPPLES-STRAIGHT



ITEM: J4134

UNI 7663-A Standard compliant hydraulic straight nipples-1:16 conical threading

AVP steel, white zinc plated as standard supply.

Price refers to 10 pcs blister packaging. Retail packaging.

Tech. Code	GR74 Euro	Thread mm	A mm	B mm	C mm
J41340761Z	1,82	M 6 x 1	13,5	5	7
J41340981Z	2,52	M 8 x 1	17	6	9
J4134098125Z	2,52	M 8 x 1,25	17	6	9
J41341161Z	4,01	M 6 x 1	17	5,2	11
J41341181Z	4,01	M 8 x 1	17,5	5,7	11
J4134118125Z	4,01	M 8 x 1,25	17,5	5,7	11
J413411101Z	3,23	M 10 x 1	17,5	7,2	11
J4134111015Z	3,23	M 10 x 1,50	17,5	7,2	11
J4134111/8Z	3,23	R 1/8	17,5	7,2	11
J4134141/4Z	5,78	R 1/4	18,5	6,8	14

Stainless steel, DIN standard compliant version also available upon request.



HYDRAULIC GREASE NIPPLES - 45 DEGREES



ITEM: J4135

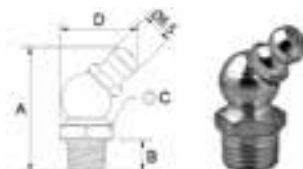
UNI 7663-B Standard compliant hydraulic 45°- nipples-1:16 conical threading

AVP steel, white zinc plated as standard supply.

Price refers to 10 pcs blister packaging. Retail packaging.

Tech. Code	GR74 Euro	Thread mm	A mm	B mm	C mm	D mm
J41351161Z	5,84	M 6 x 1	25,5	5,5	11	16,2
J41351181Z	5,84	M 8 x 1	25,5	6,7	11	16,2
J4135118125Z	5,84	M 8 x 1,25	25,5	6,7	11	16,2
J413511101Z	5,84	M 10 x 1	25,5	6,7	11	16,2
J4135111015Z	5,84	M 10 x 1,50	25,5	6,7	11	16,2
J4135111/8Z	5,84	R 1/8	25,5	6,7	11	16,2
J4135141/4Z	8,57	R 1/4	25,5	6,7	14	17,5

Stainless steel, DIN standard compliant version also available upon request.



HYDRAULIC GREASE NIPPLES - 90 DEGREES

WRK

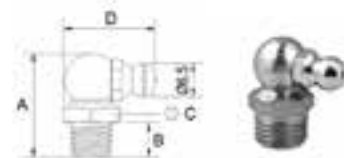
ITEM: J4136

UNI 7663-C Standard compliant hydraulic 90°- nipples-1:16 conical threading
AVP steel, white zinc plated as standard supply.

Price refers to 10 pcs blister packaging. Retail minimum order packaging.

Tech. Code	GR74 Euro	Thread mm	A mm	B mm	C mm	D mm
J41361161Z	5,84	M 6 x 1	20,3	5,5	11	18
J41361181Z	5,84	M 8 x 1	20,3	6,7	11	18
J413611101Z	5,84	M 10 x 1	20,3	6,7	11	18
J4136111015Z	5,84	M 10 x 1,50	20,3	6,7	11	18
J4136111/8Z	5,84	R 1/8	20,3	6,7	11	18
J4136141/4Z	8,57	R 1/4	20,3	6,7	14	19,5

Stainless steel, DIN standard compliant version also available upon request.



BUTTON-HEAD HEX TAT HEAD GREASE NIPPLES

WRK

ITEM: J4138

UNI 7662-A Standard compliant button-head hex tat head grease nipples featuring cylindrical threading.
AVP steel, white zinc plated as standard supply.

Price refers to 10 pcs blister packaging. Retail minimum order packaging.

Tech. Code	GR74 Euro	Thread mm
J4138151/4Z	5,39	G 1/4
J4138151/8Z	5,39	G 1/8
J4138151015Z	5,39	M 10 x 1,5
J413815101Z	5,39	M 10 x 1
J41381561Z	6,16	M 6 x 1
J4138158125Z	6,16	M 8 x 1,25
J41381581Z	6,16	M 8 x 1

Stainless steel, DIN standard compliant version also available upon request.



BUTTON-HEAD DOUBLE HEX TAT HEAD GREASE NIPPLES

WRK

ITEM: J4139

UNI 7662-A Standard compliant button-head double hex tat head grease nipples featuring cylindrical threading. AVP steel, white zinc plated as standard supply.

Price refers to 10 pcs blister packaging. Retail minimum order packaging.

Tech. Code	GR74 Euro	Thread mm
J4139151/4Z	5,71	G 1/4
J4139151/8Z	5,71	G 1/8
J4139151015Z	5,71	M 10 x 1,5
J413915101Z	5,71	M 10 x 1
J41391561Z	6,49	M 6 x 1
J4139158125Z	6,49	M 8 x 1,25
J41391581Z	6,49	M 8 x 1

Stainless steel, DIN standard compliant version also available upon request.



Related products

LTEC MULTIPURPOSE GREASES

Tech. Code	NLGI consistency	Package	Weight kg
H2200EP0T1	0	Can	18.5
H2200EP1T1	1		
H2200EP2T1	2		

The products are available in chapter H



MANUAL LEVER GREASERS

ITEM: J4152

Portable hand operated grease pump. 13 kg high pressure tank. Equipped with follower membrane that protects the lubricant and preserves its characteristics over time.

Tech. Code		J415213
GR74	Euro	204,00
Tank	kg	13
Grease pressure	bar	350/400
Tube		2,5 m - 1/4"
Weight	kg	10,4



NEW

WHEELED PEDAL GREASERS

ITEM: J4153

Wheeled pedal manual grease pump. Allows hands-free use. 13 kg high pressure tank. Equipped with follower membrane that protects the lubricant and preserves its characteristics over time.

Tech. Code		J415313
GR74	Euro	(309,00)
Tank	kg	13
Grease pressure	bar	300/350
Tube		2,5 m - 1/4"
Weight	kg	14



NEW

GREASE AIR PULSOMETERS FOR 20-30 KG DRUMS

ITEM: J4165

Grease distribution kit. Available with or without trolley. Complete with drum cover and follower membrane.

Compression ratio 50:1 - Flow rate 1500 rpm - Suitable for drums from ø 260 mm to ø 300 mm and for grease types 0, 1, and 2

Tech. Code		J4165030	J4165030CR
GR74	Euro	(287,00)	516,00
Description		Pump only	Pump and trolley
For drums		20- 30 kg	20- 30 kg
Tube		M/F 1/4" - 4 m - 400 bar	M/F 1/4" - 4 m - 400 bar



NEW

GREASE AIR PULSOMETERS FOR 180-200 KG DRUMS

ITEM: J4167

Grease distribution kit. Available with or without trolley. Complete with drum cover and follower plate. Compression ration 50:1 - Flow rate 1500 g/min - Suitable for grease types 0, 1 e 2

Tech. Code		J4167200	J4167200CR
GR74	Euro	(335,00)	785,00
Description		Pump only	Pump and trolley
For drums		180- 200 kg	180- 200 kg
Tube		M/F 1/4" - 4 m - 400 bar	M/F 1/4" - 4 m - 400 bar



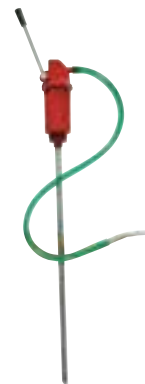
NEW

LEVER ACTION BARREL PUMPS

ITEM: J4170

Aluminum body, suitable for petrols and lubricants with low and medium viscosity, do not use with corrosive liquids and solvents.

Tech. Code		J417025	J417060
GR74	Euro	75,29	85,56
Capacity	L/min	25	60
Suction tube	cm	75	80



LEVER ACTION BARREE PUMPS

ITEM: J4180

Steel body, suitable for petrols and lubricants with low and medium viscosity, do not use with corrosive liquids and solvents.

Tech. Code		J418075
GR74	Euro	85,56
Capacity	L/min	75
Suction tube	cm	110



OIL BRASS SYRINGES

ITEM: J4140

Brass body, rigid tube.

Tech. Code		J4140500	J41401000
GR74	Euro	(40,18)	(53,14)
Capacity	g	500	1000
Ø body	mm	50	50
Length	mm	290	490



SAFETY CONTAINERS WITH PLUNGER AND PLATE IMPREGNATED

ITEM: J4145

Safety containers in painted powder steel to moisten cloths and sponges. The residual liquid flows back in to the container.

Tech. Code		J41451L
GR74	Euro	107,00
Capacity	L	1
Dimension	mm	180 x 200h



SAFETY CONTAINERS WITH SPRAYER

ITEM: J4146

Safety containers in powder coated steel with sprayer extension.

Tech. Code		J41461L
GR74	Euro	(91,00)
Capacity	L	1
Dimension	mm	165 x 300h



MODULAR FLEXO HOSE 1/4"

LOC-LINE

ITEM: J4410

Tech. Code	GR70 Euro	Supplier code	Description
J441001	18,65	40413	Standard pack of 20 modular segments 3 nozzles Ø 1.6 - 3.17 - 6.35 2 connections 1/4" and 1/8" NPT Total length. 330 mm
J441002	0,70	41401/1	1/4" segment
J441003	2,43	41402/1	Nozzle ø 1.6
J441004	2,43	41403/1	Nozzle ø 3.17
J441005	2,43	41404/1	Nozzle ø 6.35
J441006	7,07	41407/1	Flat nozzle 24 x 0.8
J441007	7,07	41489/1	Flat direct flow nozzle 25 x 1.3
J441008	10,37	41481/1	16-hole flat nozzle ø 1



MODULAR FLEXO HOSE 1/2"

LOC-LINE

ITEM: J4412

Tech. Code	GR70 Euro	Supplier code	Description
J441201	21,40	50813	Standard pack of 12 modular segments 3 nozzles Ø 6.35 - 9.3 - 12.7 2 connections 1/2" and 3/8" NPT Total length. 330 mm
J441202	1,44	51801/1	1/2" segment
J441203	2,76	51806/1	Nozzle ø 6.35
J441204	2,76	51802/1	Nozzle ø 9.3
J441205	2,76	51803/1	Nozzle ø 12.7
J441206	7,51	51807/1	Flat nozzle 32 x 4.5
J441207	8,05	51809/1	Flat nozzle 60 x 3
J441208	2,76	51804/1	Connection 3/8" NPT
J441209	2,76	51805/1	Connection 1/2" NPT



MODULAR FLEXO HOSE 3/4"

LOC-LINE

ITEM: J4414

Tech. Code	GR70 Euro	Supplier code	Description
J441401	26,81	60513	Standard pack of 12 modular segments 2 nozzles Ø 16 - 20 1 connection 3/4" NPT Total length. 350 mm
J441402	1,66	61501/1	3/4" segment
J441403	9,16	61507/1	Flat nozzle 75 x 5
J441404	9,16	61511/1	20 mm Y-coupling



NOZZLE FOR SB LATHES – 10 BARS



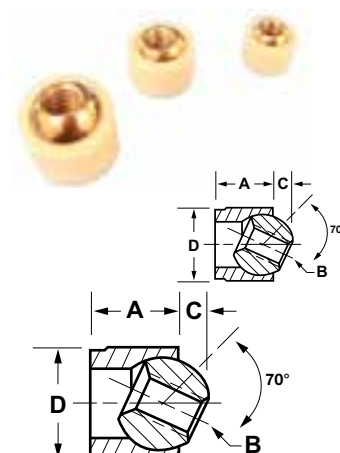
ITEM: J4500

Nozzles to be pressed, just drill and ream with H9 tolerance.

Nozzles with threaded hole for use with SBT-ST ET nozzles and pipe.

Acetal resin body - Stainless steel sphere - Max. operating temperature 70°

Tech. Code	GR70 Euro	Supplier code	Thread B	D mm	A mm	C mm
J450010	24,16	SB 9510	M4 x 0.7	10	7	2
J450012	25,16	SB 9520	M5 x 0.8	12	8	2.5
J450014	28,02	SB 9530	M6 x 1	14	10	3
J450015	28,02	SB 9540	M6 x 1	15	6	3



NOZZLE FOR CNC LATHES – 10 BARS

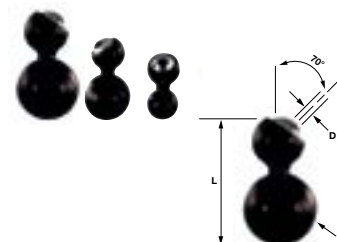


ITEM: J4510

Nozzles for CNC lathes, ideal for employment when it is not possible to use standard nozzles with spheres.

Acetal resin body - Stainless steel sphere - Max. operating temperature 70°

Tech. Code	GR70 Euro	Supplier code	Diameter A mm	D mm	L mm
J451012	32,99	BU 2310	12	4	28
J451014	32,99	BU 2320	14	4	30.5
J451015	32,99	BU 2330	15	4	31



NOZZLE FOR JJ LATHES – 10 BARS



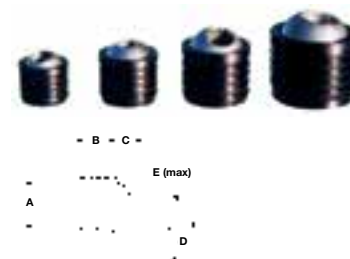
ITEM: J4520

These nozzles are particularly suited for special applications on equipment and tool machines.

Just drill a passage for the liquid, ream the hole with a tolerance of 0 + 0.05 and then press the nozzle in the seat obtained.

Acetal resin body - Stainless steel sphere - Max. operating temperature 70°

Tech. Code	GR70 Euro	Supplier code	Diameter A mm	D mm	B mm	C mm	E Degrees
J452008	22,28	JJ 0119	8	3.2	6.35	1.5	35°
J452010	22,95	JJ 0113	10	4	8	2	35°



NOZZLE FOR LATHES – 33 BARS

QPM

ITEM: J4530

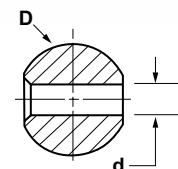
Nozzles with brass sphere and smooth threaded hole, ideal for CNC lathes.

Brass sphere – Max operating temperature 150°

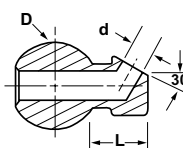
Tech. Code	GR70 Euro	Supplier code g	Diameter D mm	d mm	L mm	Hole
J4530A10	(15,66)	BB 1007	10	4	-	Plain straight hole
J4530A12	(21,62)	BB 1024	12	4	-	Plain straight hole
J4530A14	(21,72)	BB 1037	14	4	-	Plain straight hole
J4530A15	(22,83)	BB 1049	15	4	-	Plain straight hole
J4530B12	(29,34)	BB 1021	12	4	9.15	Plain angled hole
J4530B14	(31,23)	BB 1034	14	4	9.15	Plain angled hole
J4530B15	(31,88)	BB 1046	15	4	9.15	Plain angled hole



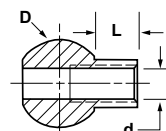
Plain straight hole



Plain angled hole



Straight threaded hole



NOZZLE FOR LATHES – 100 BARS

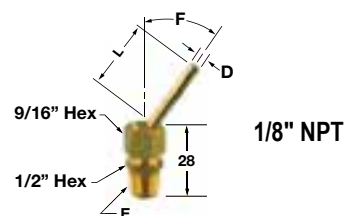
QPM

ITEM: J4540

Nozzles for high-pressure CNC machines.

Brass body – Stainless steel sphere and extension - Max. operating temperature 150°

Tech. Code	GR70 Euro	Supplier code	Thread E	D mm	L mm	F Degrees
J45403	(51,95)	LJ 18130	1/8" NPT	2.2	6.35	33°
J45404	(58,25)	LJ 18140	1/8" NPT	2.2	31.7	28°
J45405	(53,72)	LJ 18150	1/8" NPT	3.0	12.7	33°
J45406	(58,25)	LJ 18160	1/8" NPT	3.0	31.7	28°

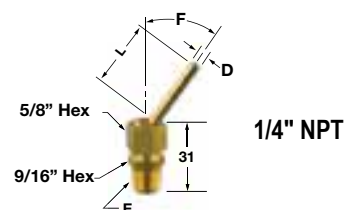


ITEM: J4550

Nozzles for high-pressure CNC machines.

Brass body – Stainless steel sphere and extension - Max. operating temperature 150°

Tech. Code	GR70 Euro	Supplier code	Thread E	D mm	L mm	F Degrees
J455008	(59,46)	LJ 18260	1/4" NPT	3.0	12.7	33°
J455009	(63,98)	LJ 18265	1/4" NPT	4.0	31.7	33°
J455010	(59,46)	LJ 18270	1/4" NPT	5.6	12.7	27°
J455011	(63,98)	LJ 18275	1/4" NPT	M6 x 1	31.7	27°





DETGREEN HYGIENE

The LTEC DETGREEN line offers a complete series of products for hygiene in industrial environments.

All products are formulated to respect the environment.
Like most detergents, they are most effective when used dry with subsequent rinsing.



HAND-WASH LIQUID

LTEC



ITEM: DETGREEN HANDYSOAP

DETGREEN HANDYSOAP is a pH neutral liquid detergent, whose mild and effective formulation allows frequent use without altering the hydrolipidic balance of the skin. Formulated using vegetable surfactants from renewable sources. Suitable for hands and body, ideal for office use and light soiling.

Tech. Code	J5415500	J541510
GR73	Euro 4,70	32,30
Package	Small container with dispenser	Refill
Quantity	L 0,5	10
	12	1



HAND-WASH GEL

ITEM: DETGREEN HANDYGEL ORANGE

DETGREEN HANDYGEL ORANGE is a solvent-free handwash gel, with a softer mineral abrasive (calcium carbonate), with aloe and vegetable surfactants. Very effective for removing industrial dirt without harming the skin.

Tech. Code	J52213	J5221B3
GR73	Euro 25,30	19,20
Package	Small container with dispenser	Refill sachet for Handygel Orange dispenser
Quantity	L 3	3
	1	6



HAND-WASH CREAM

ITEM: DETGREEN HANDYCREAM WHITE

DETGREEN HANDYCREAM WHITE is a creamy solvent-free detergent. It contains a mineral abrasive (calcium carbonate) and vegetable surfactants. Creamy, mild and pH neutral. Suitable for frequent washing.

Tech. Code	J52263	J52265	J5226B3
GR73	Euro 24,60	32,60	18,60
Package	Small container with dispenser	Small container with dispenser	Refill sachet for HANDYCREAM WHITE dispenser
Quantity	L 3	5	3
	1	1	6



WALL DISPENSER

LTEC

ITEM: DETGREEN

3 L dispenser. Use Handygel and Handycream refill bags.

Tech. Code		J52293
GR73	Euro	34,30
Description	Hand-washing product dispenser	
Dimensions	340h x 200l x 100p	
	1	



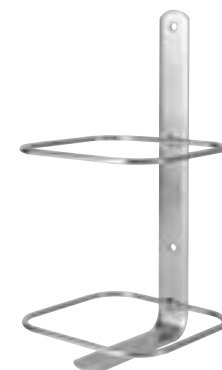
WALL HOLDER FOR DRUMS WITH DISPENSER

LTEC

ITEM: DETGREEN

Chromed metal for 3 L and 5 L drums. Supplied with dowels and screws for perfect mounting.

Tech. Code		J52313	J52315
GR73	Euro	(22,60)	(25,80)
Package		Holder for 3 L drum	Holder for 5 L drum
Weight	g	400	510



HAND-WASH PASTE

LTEC



ITEM: DETGREEN PASTE

DETGREEN PASTE is a sand-free ecological handwash paste that contains natural surfactants and soaps. A natural wood flour based abrasive produced from renewable sources. Ideal for removing stubborn and ingrained dirt.

Tech. Code		J52401	J52405
GR73	Euro	3,30	7,90
Package		Tub	Bucket
Quantity	L	1	5
		12	4



DERMA-PROTECTIVE CREAM FOR HANDS

LTEC



ITEM: HANDYSAVE SPRAY

Derma-protective fluid, it creates an invisible barrier against dirt and irritating substances. Makes hand cleaning easy.

Tech. Code		J5310400
GR73	Euro	8,30
Package		Spray can
Quantity	ml	400
		4



DISINFECTANT - DEODORANT SPRAY

LOCTITE



ITEM: SF 7080 HYGIEN SPRAY PROFESSIONAL

Non-toxic multi-purpose disinfectant. Eliminates bacterial, molds and fungi from surfaces, contaminated objects and air conditioning systems. Medical Surgery Presidium. It neutralizes any unpleasant odor caused by microorganisms, acting specifically on the responsible substrates and leaving a pleasant fragrance of eucalyptus and menthol.

Tech. Code		J5110150
GR72	Euro	12,20
Package	Spray can	
Quantity	ml	150
		4



HAND-WASHING CREAM

LOCTITE



ITEM: SF 7850

Natural citrus fruit extracts, suitable for removing deep-seated dirt while protecting the skin. Biodegradable.

Tech. Code		J52103
GR72	Euro	32,75
Package	Can with dispenser	
Quantity	L	3
		4



PAPER ROLL BOBIN

ITEM: J5420

Havana: 80% cellulose fiber + 20% recycled - 3 layers - weight-3.2 kg

Strong: 100% cellulose - 3 layers - weight 3.2kg

Tech. Code		J5420HAVANA	J5420STRONG
GR74	Euro	13,00	16,00
Description		Havana embossed	Strong embossed white
Tear off	n°	568	510
Dim. tear off	cm	26 x 28	26 x 28
Coil height	m	216	194
		2	2



FLOOR ROLL HOLDER

ITEM: J5421

Painted tubular steel structure.

Tech. Code		J5421A2
GR74	Euro	45,00
Description	Without wheel	



WALL ROLL HOLDER

ITEM: J5422

Painted tubular steel structure.

Tech. Code		J5422A1
GR74	Euro	34,00
Description	White structure	



CLEANING CLOTH FORM NON-WOVEN MATERIAL

L.TEC

ITEM: J5425

Anti-silicone single-ply cloth of non-woven material. 100% fiber without chemical binders. Absorbs up to 35 times its own weight in a few seconds. High mechanical strength and solvent resistance.

It does not flake nor leave lint.

Suitable for all cleaning operations in industrial, body shop and graphic arts environments.

Light blue. The roll weighs 1.6 kg.



Tech. Code		J5425005	J5425010
GR74	Euro	51,50	30,00
Tear off	cm	25 x 38	25 x 38
Wipe off	n°	236	236
Package		Box	Roll
		1	2

WHITE INDUSTRIAL CLEANING RAGS

WRK

Sanitized, mixed -fabric seconds white rags. Supplied in a 10kg convenience packaging.

Tech. Code		J543010	J543510	J544010	J544510	J545010
GR74	Euro	32,55	21,00	63,00	28,35	32,55
Color		White	Colorful	White	Colorful	Colorful
Material		Mixed textiles	Mixed textiles	Bed linen	T-Shirt	Sponge
Dimensions	cm	40 x 40 x 20	40 x 40 x 20	40 x 40 x 20	40 x 40 x 20	40 x 40 x 20



INVERTER WELDING MACHINE

SAF-FRO

ITEM: SAXO 3.2

Power supply 230 V 1HP-50/60 Hz, suitable for use with rutile-coated, basic and non-oxidising electrodes. Arc Force, Hot Start and Anti-Bonding functions, compatible with motor generators and, if properly equipped, it can be used for TIG welding with scratch-striking. For use with all domestic electrical networks. Supplied in a plastic case with all its accessories.

Tech. Code		J611132
GR75	Euro	471,00
Primary voltage	V	230 Single-phase
Vacuum tension	V	69
Power reg.	Kw	4,8
Rep. intermittence	A	10 - 150
Max. electrodes	A	150 (10%) - 70 (60%) - 55 (100%)
Connector size	mm	9
Electrode diameter	mm	1,6 ÷ 3,2
Dimension	mm	220 x 120 x 320
Weight	kg	3,8



ITEM: PRESTO 160

Power supply 230 V 1HP - 50/60 Hz, inverter for welding with coated electrodes, particularly easy to use thanks to functions such as Hot Start, Arc Force and Anti Bonding. Welds rutile, basic, non-oxidising and special electrodes up to Ø 3.25 mm. TIG welding with scratch-striking.

Tech. Code		J6114160
GR75	Euro	583,00
Primary voltage	V	230 single-phase
Vacuum tension	V	85
Power reg.	Kw	4,6
Rep. intermittence	A	5 - 150
Max. electrodes	A	150 (35%) - 120 (60%) - 100 (100%)
Connector size	mm	9
Electrode diameter	mm	1,6 ÷ 4,0
Dimension	mm	145 x 230 x 365
Weight	kg	7



INVERTER WELDING MACHINE

SAF-FRO

ITEM: PRESTO 165 FORCE

Power supply 230 V 1HP - 50/60 Hz, suitable for use with all types of coated electrodes except for cellulose. The PFC device reduces interferences in the power network, increases compatibility with the motor generator and reduces energy consumption. The generator can also weld in TIG Lift, the control through micro-controller guarantees exceptional performance. Automatic functions: Arc Force, Hot Start and Anti Bonding.

Tech. Code		J6116165F
GR75	Euro	773,00
Primary voltage	V	230 single-phase
Vacuum tension	V	48,4
Power reg.	Kw	4,8
Rep. intermittence	A	10 - 160
Max. electrodes	A	160 (30 %) - 140 (60%) - 120 (100 %)
Connector size	mm	9
Electrode diameter	mm	1,6 ÷ 4,0
Dimension	mm	320 x 170 x 395
Weight	kg	6,6



ITEM: PRESTO 185 FORCE

Power supply 230 V 1Ph - 50/60 Hz, suitable for the use of all types of coated electrodes except cellulosic. The generator can also weld in TIG LIFT, the control by means of a microcontroller guarantees exceptional performance. PFC device that reduces the disturbances introduced into the power supply network, increases compatibility with the motor generator and reduces energy consumption. Arc Force and Hot Start functions that facilitate arc ignition and maintenance and automatic anti-gluing. VRD device for no-load voltage reduction that improves the safety of welding in a wet environment. IP 23 / H protection / insulation class.

Tech. Code		J6118185F
GR75	Euro	797,00
Primary voltage	V	230 single-phase
Vacuum tension	V	48,4
Max absorbed power	Kw	5,6
Power setting	A	10 - 180
Intermittence ratio	A	180 (20%) - 140 (60%) - 120 (100%)
Connector size	mm	9
Electrode diameter	mm	1,6 ÷ 4,0
Dimension	mm	320 x 170 x 395
Weight	kg	6,6



MULTIFUNCTION WELDERS



ITEM: BESTER 190C MULTI

Monophase multifunction welding machine with Inverter technology. It carries out MIG, MMA and TIG LIFT welding processes. Portable, light and robust. Equipped with a large display for consulting the parameters. It is compatible with motor generator. Arc Force and Hot Start function that facilitate the start and help keep the arc lit. Anti Sticking Function. Polarity change. Includes MIG torch with 3m cable and 3m work cable



Tech. Code		J6125190
GR75	Euro	(754,00)
Power supply voltage	V	230 single-phase
Power setting MIG	A	30 - 180
Rapp. di intermittenza MIG	A	180 (20%) - 115 (60%) - 90 (100%)
Power setting MMA	A	15 - 180
Rapp. di intermittenza MMA	A	180 (15%) - 95 (60%) - 75 (100%)
Power setting TIG	A	15 - 180
Rapp. di intermittenza TIG	A	180 (25%) - 120 (60%) - 90 (100%)
Max reel size	kg	5
Cable diameter	mm	0,6 ÷ 1,0
Connector size	mm	13

PLASMA CUTTING



ITEM: PRESTOJET 25I

Ready to use portable plasma generator. It is supplied with a 2 m power cable with 16A plug, 3m torch and pre-assembled ground cable, air connection kit and cutting torch consumable kit. Robust integrated compressor and external air connection. Suitable for steel, stainless steel, aluminum and all conductive metals



Tech. Code		J613025
GR75	Euro	(2960,00)
Power supply voltage	V	230 single-phase
Power setting	A	10 - 25
Required Air pressure	Bar	6,0
Service Factor		25A/90V (35%) - 20A/88V (60%) - 15A/86V (100%)
Max absorbed power	Kw	3,0
Cutting capacity	mm	10
Dimension	mm	385 x 215 x 480
Weight	kg	18,5



WELDING TORCH TIG

LINCOLN
ELECTRIC

ITEM: WTT2

Torch TIG simple and reliable air-cooled, suitable for most common applications. Equipped with a tap for regulating the gas, it can be used on inverter machines with the TIG LIFT process. High temperature silicone rubber handle. Super flexible high performance cable to facilitate the operator's work.

Tech. Code	J7050110V	J7050135V	J7050135V13
GR75	Euro	(90,00)	(103,00)
MODEL	WTT2-9	WTT2-17	WTT2-17
Working cycle 40°C	80 A (60%)	100 A (60%)	100 A (60%)
Ø Nozzle	mm 10	10	10
Ø Electrode	mm 1,6	2,0	2,0
Cable	m 4	4	4
Connection	V (conn. 9mm)	V (conn. 9mm)	V (conn. 13mm)



SPARE PARTS FOR TIG TORCHES

LINCOLN
ELECTRIC

ITEM: J7053

Tech. Code	GR75 Euro	Mod. Torch	Image	Description	Type	
J705309A100	1,70	WTT2-9	A	Rear tap	Lungo	2
J705309B16	1,50	WTT2-9	B	Electrode holder	Ø 1,6	3
J705309C16	4,00	WTT2-9	C	Plier holder	Ø 1,6	2
J705309D96	1,70	WTT2-9	D	Nozzle	Ø 9,6	10
J705317A100	4,50	WTT2-17	A	Rear tap	Lungo	2
J705317B20	5,00	WTT2-17	B	Electrode holder	Ø 2,0	3
J705317C20	4,00	WTT2-17	C	Plier holder	Ø 2,0	2
J705317D96	2,30	WTT2-17	D	Nozzel	Ø 9,6	10



A



B



C



D

SUPPORT FOR TIG TORCHES .

ITEM: J7060

Support with magnetic base for TIG torches. Parking the torch on the support increases the safety of the workstation and facilitates the operator's task.

Tech. Code	J7060BASE
GR75	Euro
Description	Support with magnetic base for TIG torches



TORCHES FOR MIG-MAG WIRE WELDING



ITEM: LGS2-ARIA

Semi-automatic, air-cooled wire welding torches. Cable length 4 m. Rotating handle and extra flexible cable. Parts subject to wear in compliance with the major European standards.

Tech. Code	J72271504	J72272504	J72273604
GR75	Euro	95,00	126,00
GR75	Euro	95,00	181,00
MODEL	LGS2-150G	LGS2-250G	LGS2-360G
Work cycle (co ₂)	180 A to 60%	230 A to 60%	330 A to 60%
APPLICATION	Thin thickness	Thin thickness - light carpentry	Construction sites - Media carpenterial
Ø Max wire	mm	1,0	1,2
Contact tip	mm	0,8	1,0
Conical nozzle	mm	12	15



WIRE WELDING TORCHES MIG-MAG



ITEM: LGS2-ACQUA

Semi-automatic water-cooled wire welding torches. Cable length 4 m. Rotating handle and extra flexible cable. Parts subject to wear conform to the major European standards.

Tech. Code	J72285004
GR75	Euro
GR75	246,00
MODEL	LGS2-505W
Work cycle (CO ₂)	500 A al 100%
APPLICATION	Heavy industry - High productivity
Ø Max wire	mm
Contact tip	mm
Conical nozzle	mm

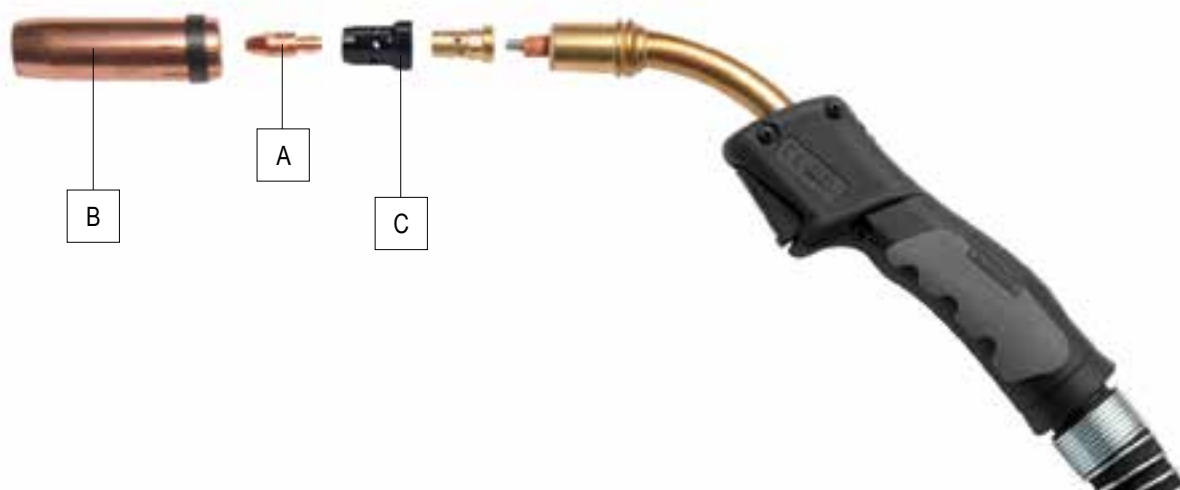


SPARE PARTS FOR MIG-MAG WIRE TORCH



ITEM: J7230

Tech. Code	GR75	Mod. Torch	Image	Description	Type	
J7230150A08	Euro	150	A	Contact tip (10pcs)	M6x25 Ø0,8	1
J7230150A10	7,00	150	A	Contact tip (10pcs)	M6x25 Ø1,0	1
J7230150B12	2,30	150	B	Conical nozzle	Ø12,5	5
J7230250A08	7,00	250	A	Contact tip (10pcs)	M6x25 Ø0,8	1
J7230250A10	7,00	250	A	Contact tip (10pcs)	M6x25 Ø1,0	1
J7230250B15	4,00	250	B	Conical nozzle	Ø15	5
J7230360A10	11,00	360/505	A	Contact tip (10pcs)	M8x30 Ø1,0	1
J7230360A12	9,00	360/505	A	Contact tip (10pcs)	M8x30 Ø1,2	1
J7230360B16	5,00	360	B	Conical nozzle	Ø16	5
J7230360CST	6,00	360	C	GAS diffuser (10pcs)	Standard	1
J7230505B16	4,00	505	B	Conical nozzle	Ø16	5
J7230505CST	8,00	505	C	Diffusore GAS (10pz)	Standard	1



SUPPORT FOR MIG TORCHES

ITEM: J7240

Support with magnetic base for MIG torches. Parking the torch on the support increases the safety of the workstation and facilitates the operator's task.

Tech. Code	J7240BASE
GR75	Euro
GR75	(17,90)
Description	Support with magnetic base for MIG torches



ELECTRODE WELDING KIT

ITEM: J7020

The kit is supplied in a box and complete with all accessories for electrode welding (MMA). The kit includes: Electrode holder with cable, ground clamp with cable, hammer brush and protective screen in compressed fiber complete with glass

Tech. Code		J702016	J702025
GR75	Euro	(61,10)	(84,10)
Ø Cable	mm ²	16	25
Electrode holder cable	m	3	4
Earth cable	m	2	3
Ø Connectors	mm	9	9
Dim. glass	mm	75 x 98	75 x 98



ITEM: CAIMAN

Straight-type with electrode-holder jaws, body and lever in cast brass, insulating coating with thermosetting material. The electrodes can be locked in any direction.

Tech. Code		J7215200425	J7215300550
GR75	Euro	14,00	17,00
Amparage 35%		200 A	400 A
Max. electrodes	mm	3,2	5
Cable	Ø mm ²	25	50



ITEM: SEGURA

Straight-type with electrode-holder hole, body and lever in cast brass, insulating coating with thermosetting material.

Tech. Code		J7220300425	J7220300550	J7220400670
GR75	Euro	21,00	28,00	30,00
Amparage 35%		300 A	400 A	600 A
Max. electrodes	mm	4	5	6,3
Cable	Ø mm ²	35	50	70



GROUND CLAMPS



ITEM: J7310

Treated sheet steel body, brass clamp, braided copper shunt between contacts.

Tech. Code		J7310250	J7310300	J7310500
GR75	Euro	11,80	15,90	27,10
Intermitt. ratio 35%		250 A	400 A	500 A
Intermitt. ratio 60%		200 A	300 A	400 A
Cable	Ø mm	25 - 35	50 - 70	70 - 95
Weight	g	215	320	560



GROUND CLAMPS SCREW TYPE



ITEM: J7315

Brass body, tilting contact, suitable for fixed positioning.

Tech. Code		J7315400	J7315600
GR75	Euro	35,30	34,20
Intermitt. ratio 35%		400	600
Intermitt. ratio 60%		300	500
Cable	Ø mm ²	35 - 50	70 - 95
Weight	g	360	700



SLAG-STRIKING HAMMERS



ITEM: J7320

Steel head, iron handle and plastic-coated handle.

Tech. Code		J73201
GR75	Euro	7,10
Length	mm	315
Weight	g	250



CABLE TERMINAL FOR WELDING CABLES



ITEM: J7420

Cable terminal for welding cables nickel-plated brass with 2 hexagonal head screws.

Tech. Code		J742016	J742025	J742035	J742050	J742070
GR75	Euro	2,60	3,60	3,60	4,60	4,60
Cable	Ø mm ²	16	25	35	50	70
Capacity	mm	10	10	14	14	16
Tightening screws	n°	2	2	2	2	4



MALE CONNECTORS FOR WELDING CABLES



ITEM: J7430

Male connectors, welding cable junction plug. Insulating coating.



Tech. Code		J7430200	J7430250	J7430300	J7430400
GR75	Euro	6,00	5,40	8,70	11,40
Rep. int. 60%		200 A	250 A	315 A	400 A
Cable	Ø mm²	10 - 25	35	50	70

FEMALE CONNECTORS FOR WELDING CABLES



ITEM: J7435

Brass body covered with highly insulating material.



Tech. Code		J7435200	J7435250	J7435300	J7435400
GR75	Euro	6,00	5,70	8,70	11,40
Rep. int. 60%		200 A	250 A	315 A	400 A
Cable	Ø mm²	10 - 25	35	50	70

MULTIPURPOSE PLIERS FOR WELDING

ITEM: J7450

Multipurpose pliers specifically designed to facilitate the welder's work. Allows easy installation and removal of MIG torch tips, nozzles and diffusers. Suitable for stripping cables and cutting sheaths. Suitable for the removal of welding spatter.



Tech. Code		J7450000
GR75	Euro	(27,20)
Length	mm	210

MAGNETIC POSITIONERS

ITEM: J7460

Magnetic positioners to hold the pieces to be welded in position. They allow positioning angles of 45 °, 90 ° and 135 ° - Simple to use, available in multiple sizes, they facilitate the positioning and maintenance of the pieces to be welded in the correct position.



Tech. Code		J7460200	J7460300	J7460500
GR75	Euro	(4,20)	(12,70)	(22,10)
Article		PS-2	PS-3	PS-5
A	mm	93	157	200
B	mm	62	93	125
C	mm	62	102	125

SPRING GAS LIGHTERS

ITEM: J7465

Suitable for igniting oxy-gas torches.



Tech. Code		J746501
GR75	Euro	11,00
Equipment		5 flints

HANDLES FOR MODULAR SYSTEM

LINCOLN
ELECTRIC

ITEM: FROVER

Frover handles in one-piece molded brass. Modular system on which various types of lance can be applied. Suitable for supporting welding and brazing from 0.3 to 20 mm, for high-power heating and for cutting up to 200 mm. Taps with stainless steel pin. Removable hose connectors.

Tech. Code		J7620000
GR75	Euro	(158,00)
Hose pipe connectors Ø	mm	6,3 - 8
Hose pipe nut		G3/8"



TAP CUTTING LANCES

LINCOLN
ELECTRIC

ITEM: FROVER H1F

Brass cutting lance compliant with the international standard ISO 5172 which guarantees the greatest resistance to backfire. Mounted on the Frover handle it guarantees power, safety and reliability

Tech. Code		J762390AC	J762390PM
GR75	Euro	183,00	(183,00)
Typology		Acetylene 90 °	Propane-Methane



CUTTING BITS - ACETYLENE

LINCOLN
ELECTRIC

ITEM: H1F AC

Cutting bits model H1F, consisting of an internal part in brass and an external part in copper, make cleaning the tip practical, effective and quick. The exit of the heating flame very close to the central hole of the cut guarantees a more concentrated and effective heating.

Tech. Code		J7625025	J7625050	J7625075	J7625100
GR75	Euro	(29,00)	(29,00)	(29,00)	(29,00)
Cutting thickness	mm	25	50	75	100



CUTTING BITS -PROPANE-METHANE

LINCOLN
ELECTRIC

ITEM: H1F PM

Cutting bits model H1F, consisting of an internal part in brass and external part in copper, make cleaning the bit practical, effective and fast. The exit of the heating flame very close to the central hole of the cut guarantees a more concentrated and effective heating.

Tech. Code		J7627025	J7627050	J7627075	J7627100
GR75	Euro	(30,00)	(30,00)	(30,00)	30,00
Cutting thickness	mm	25	50	75	100



OXYGEN PRESSURE REDUCERS

SAF-FRO

ITEM: EUROFRO

EN ISO 2503. Full-protection covered gauges, ABS shockproof, detachable hose connection for Ø 8 mm pipe with G 3/8 DX nut.

Tech. Code		J77110
GR75	Euro	141,00
Entry scale	bar	0 – 300/315
Exit scale	bar	0 – 15/16
Max. press.	bar	10



ACETYLENE PRESSURE REDUCERS

SAF-FRO

ITEM: EUROFRO

EN ISO 2503. Full-protection covered gauges, ABS shockproof, detachable hose connection for Ø 8 mm pipe with G 3/8 SX nut.

Tech. Code		J771401
GR75	Euro	158,00
Entry scale	bar	0 – 40
Exit scale	bar	0 - 2.5
Max. press.	bar	1,5



PROPANE PRESSURE REDUCERS

SAF-FRO

ITEM: EUROFRO

EN ISO 2503. Full-protection covered gauges, ABS shockproof, detachable hose connection for Ø 8 mm pipe with G 3/8 SX nut.

Tech. Code		J771501
GR75	Euro	140,00
Scale	bar	0 – 6
Max. press.	bar	4



ARGON PRESSURE REDUCERS WITH FLOW METER

SAF-FRO

ITEM: EUROFRO

EN 13918, double regulation for greater flow stability, with the option of closing the gas without changing the settings. Protection cover, rubber gauge, detachable hose connection for Ø 6 mm pipe with G 1/4 SX nut.

Tech. Code		J771901
GR75	Euro	168,00
Manometer scale	bar	0 – 300/315
Flowmeter scale	L/min	0 - 20



SAFETY DEVICE FOR TORCHES

SAF-FRO

ITEM: SECURTOP 662 TF

ISO 5175 Class 1 - EN 730-1. Pressed brass, stops flashbacks and gas.

Tech. Code		J7730OSS	J7730GAS
GR75	Euro	37,00	37,00
Use for		Oxygen	*comb. gas
Threaded coupling		G 3/8 DX	G 3/8 SX
Hose connection ø	mm	8 - 6.3	8 - 6.3

* acetylene, propane, methane



SAFETY DEVICE FOR HOSES

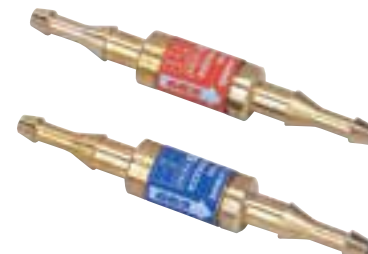
SAF-FRO

ITEM: SECURTOP 662 TT

ISO 5175 Class 1 - EN 730-1. Pressed brass, stops flashbacks and gas.

Tech. Code		J7735OSS	J7735GAS
GR75	Euro	31,00	31,00
Use for		Oxygen	*comb. gas
Hose connection ø	mm	8 - 6.3	8 - 6.3

* acetylene, propane, methane



SAFETY DEVICE FOR REDUCERS

SAF-FRO

ITEM: SECURTOP 665

EN 730-1. Pressed brass, stops flashbacks and gas, sintered stainless device to stop gas flames, high-sensitivity backstop device.

Tech. Code		J7740OSS	J7740GAS
GR75	Euro	47,00	47,00
Use for		Oxygen	*comb. gas
Threaded coupling		G 3/8 DX	G 3/8 SX

* acetylene, propane, methane



RUBBER HOSE FOR ACETYLENE

ITEM: J7810

ISO 3821 - Maximum operating pressure 20 bars. Red colour.

Tech. Code		J7810815A	J7810815B	J7810815C	J7810815D
GR75	Euro	31,20	77,90	155,70	276,70
Dimension	mm	8 x 15	8 x 15	8 x 15	8 x 15
Length	m	10	25	50	100



RUBBER HOSE FOR OXYGEN

ITEM: J7812

ISO 3821 - Maximum operating pressure 20 bars. Light blue colour.

Tech. Code		J7812815A	J7812815B	J7812815C	J7812815D
GR75	Euro	31,20	77,90	155,70	276,70
Dimension	mm	8 x 15	8 x 15	8 x 15	8 x 15
Length	m	10	25	50	100



DOUBLE RUBBER HOSE FOR OXY/ACETYLENE

ITEM: J7814

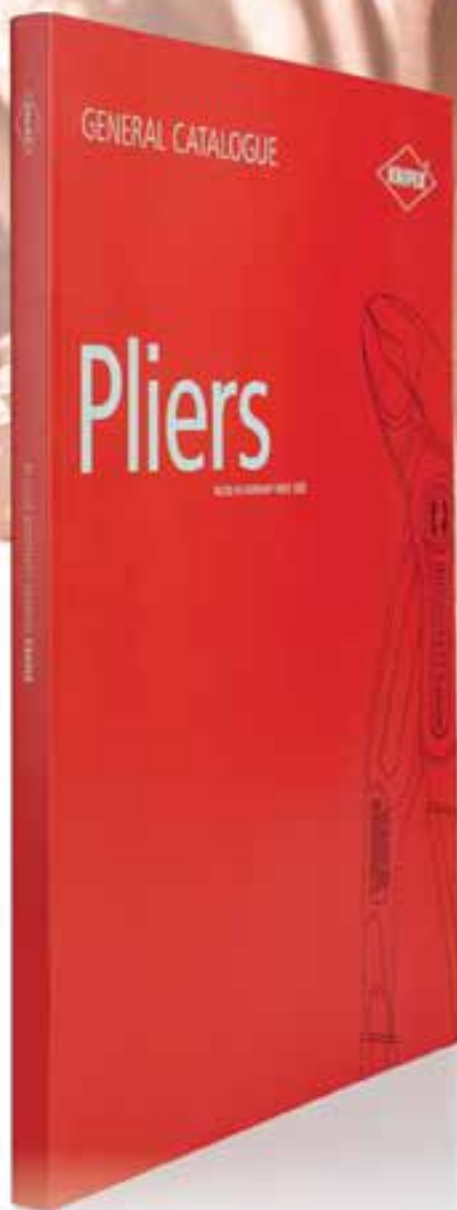
ISO 3821 - Maximum operating pressure 20 bars. Light blue/red colour.

Tech. Code		J7814815A	J7814815B	J7814815C	J7814815D
GR75	Euro	55,40	138,50	276,70	453,20
Dimension	mm	8 x 15	8 x 15	8 x 15	8 x 15
Length	m	10	25	50	100





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GENERAL CATALOGUE

To buy any products of this KNIPEX catalogue contact our commercial office. Delivery time depends on the availability of our supplier, you will receive a confirmation of your order with the details of the delivery date.

The KNIPEX items included in our LINK22 catalogue, are ready to be delivered in 24 h.

www.linkindustrialtools.com
info@linkindustrialtools.it

RUTILE ELECTRODES FOR CARBON STEEL

SAF-FRO



ITEM: BLUCORD

Good ignition, fine finish. Suitable for light carpentry work and tank manufacturing.

Tech. Code		J8010020	J8010025	J8010032
GR75	Euro	38,50	55,60	77,20
Ø	mm	2	2.5	3.2
Length	mm	300	300	450
Package	pcs	161	215	130



ITEM: FRO GREEN

Excellent welding capacity and aesthetics, easily removable slag, low smoke production, suitable for light carpentry.

Tech. Code		J8015020	J8015025
GR75	Euro	104,20	78,10
Ø	mm	2	2.5
Length	mm	300	300
Package	pcs	340	210



BASIC ELECTRODES FOR CARBON STEEL

SAF-FRO



ITEM: BASICORD A

Universal application, good ignition, suitable for boiler making and shipbuilding. Vacuum packed.

Tech. Code		J8020025	J8020032
GR75	Euro	37,50	41,50
Ø	mm	2.5	3.2
Length	mm	300	400
Package	pcs	90	55



ELECTRODES FOR STAINLESS STEEL

SAF-FRO



ITEM: SAFINOX R308L

Sliding with low carbon content, suitable for welding austenitic stainless steel to 18Cr-8Ni (AISI 304-304L).

Tech. Code		J8025020	J8025025	J8025032
GR75	Euro	135,40	111,90	119,80
Ø	mm	2	2.5	3.2
Length	mm	300	300	350
Package	pcs	310	190	120



ITEM: SAFINOX R316L

Sliding with low carbon content, suitable for welding austenitic stainless steel to 18Cr-8Ni-3Mo (AISI 316-304).

Tech. Code		J8030020	J8030025
GR75	Euro	166,90	143,50
Ø	mm	2	2.5
Length	mm	300	300
Package	pcs	310	190



PURE TUNGSTEN ELECTRODES

SAF-FRO

ITEM: WP

Green tip Pure tungsten no oxides added. Excellent arc stability on alternating current (AC) welding. Suitable for welding aluminum, light alloys and magnesium.

Tech. Code		J811316	J811320	J811324	J811332
GR75	Euro	40,70	64,30	82,70	143,10
Ø	mm	1.6	2.0	2.4	3.2
Length	mm	175	150	175	175
Confezione	Pcs	10	10	10	10



TUNGSTEN ELECTRODES IN LANTHANUM

SAF-FRO



ITEM: WL 20

Blue end, Lanthanum 2%. For use with both DC, for stainless steel, and AC current, for light alloys. Suitable for welding steel and light alloys, good ignition, durability and heat resistance. Effectively replace Thoriated tungsten electrodes contain thorium, a radioactive material.

Tech. Code		J811516	J811520	J811524	J811532
GR75	Euro	45,90	74,80	101,10	169,30
Ø	mm	1.6	2.0	2.4	3.2
Length	mm	175	175	175	175
Package	pcs	10	10	10	10



SOLID WIRE FOR CARBON STEELS

SAF-FRO



ITEM: FILCORD C S/S

Precision layer wound reel ensures continuous unwinding without interruptions caused by wire overlap, suitable for boilermaking, metal furniture manufacturing, railway rolling stock and general metalworking.

Metal basket 300 mm with 180 mm hole.

Tech. Code		J815008	J815010	J815012
GR75	Euro	(110,60)	96,40	90,70
Wire Ø	mm	0.8	1.0	1.2
Weight	kg	16	16	16



SOLID WIRE FOR CARBON STEELS

LINCOLN
ELECTRIC

ITEM: ULTRAMAG AWS: ER70S-6

Wire with excellent flow, outstanding welding performance and high productivity. Excellent weldability, stable arc and low spatter.

Typical Application: Automotive, construction, shipbuilding, general manufacturing .

Welding Positions: All except vertical down.

Metal basket 300 mm with 52 mm hole.

Classification: AWS A5.18/A5.18M - ER70S-6 - EN ISO 14341-A - G 46 4 M 3Si1 / G 42 3 C 3Si1.

Tech. Code		J815508	J815510	J815512
GR75	Euro	109,10	89,30	83,60
Wire Ø	mm	0.8	1	1.2
Weight	kg	16	16	16



SOLID WIRE FOR STAINLESS STEELS

SAF-FRO

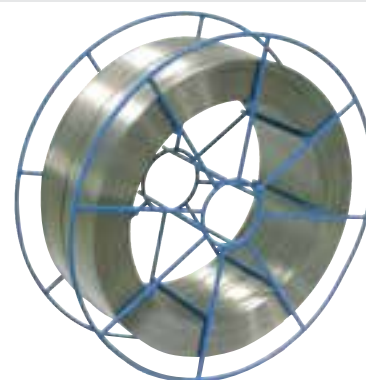


ITEM: FILINOX 308 L SI

Low carbon content, suitable for welding austenitic stainless steels AISI 304-308 and similar.

Metal basket 300 mm with 52 mm hole.

Tech. Code		J816008	J816010
GR75	Euro	(250,70)	224,80
Wire Ø	mm	0.8	1.0
Weight	kg	15	15



SOLDERING GUNS 100 W

Weller

ITEM: 8100

Expert Soldering Gun with built-in illumination of the solder-joint and copper soldering tip. All purpose gun, that tackles soldering, cutting, sealing and pyrograph with instant heat through interchangeable tips, this gun is activated with the fingertips and is ready for welding in 7 seconds. Standard equipment: 1 soldering tip.

Complies with the European Safety standards.

Tech. Code	J8200100	J8200PS	J8200PT
GR75	Euro	52,50	4,40
Power	100 W	Welding tips (2 pieces)	Welding tips (1 piece)
Voltage	230	-	-

While stocks last



80 WATT STYLUS WELDERS

ITEM: 8023C

High quality versatile welder, equipped with 360-degree LED to illuminate the work area in a focused manner. Ergonomic handle and integrated safety rest. Quick replacement of the tips.

Tech. Code	J8208000	J8208S10
GR75	Euro	82,00
Description	Welder	Screwdriver tip from 10mm (3pz)
Power	W	80
Tension	V	230



SOLDERING IRON 120 W

Weller

ITEM: SI120

Soldering irons for demanding jobs ideal for professional use, with bent tip, 12, 5 mm. Complies with the European Safety standards.

Tech. Code	J821200	J8212PS
GR75	Euro	69,30
Power	120 W	Welding tips mm 12,5
Voltage	230	-



SOLDERING STATIONS

Weller

ITEM: 3023C

Weller precision soldering station with variable power from 5 to 30 Watts. Ergonomic handle, tip cleaner, tip holder and integrated safety holder. 360 degree illumination provides focused and intense light. Easy replacement of the tips.

Tech. Code	J8213000	J8213S4	J8213C08
GR75	Euro	134,00	21,40
Description	Soldering station	Screwdriver tip from 4 mm (3 PZ)	Conical tip 0,8 mm (3 PZ)
Power	W	5 - 30	-
Tension	V	230	-



12V BATTERY WELDERS

Weller

ITEM: M12 SI-201C

M12 SI-201C battery-powered soldering iron with extremely fast heating time, ready for use in 20 to 30 seconds. 3 head locking positions to work comfortably in multiple positions (0°, 45°, 90°). Replaceable tips without tools. The two-colour LED lights up differently: blinking green when the tool is heating up, fixed green when the tool is ready for use and fixed red when the tool is off but the tip is still hot (**do not touch until red LED has gone out**). Works with all Milwaukee® M12™ batteries.

Supplied with:

- 1 battery 12V da 2,0 Ah + 1 battery charger + carrying case

Tech. Code	J824012
GR64	Euro
Battery capacity	Ah
Weight with battery	kg
Heating power	W
Temperature range	°C
Battery charging time	imn
Battery type	Li-ion
Voltage	V



DISSOLDERING PIPES

ITEM: J8250

Tech. Code		J825000
GR75	Euro	26,00
Total length	mm	215



TIN ALLOY AT 50% IN WIRE COILS

ITEM: J8255

Tech. Code		J825510	J825515
GR75	Euro	32,00	32,00
Wire ø	mm	1	1,5
Reel	g	500	500



TIN ALLOY AT 50% IN RODS

ITEM: J8258

The tin is sold in 400 mm rods for a total weight of approximately 1 kg

Tech. Code		J8258400
GR75	Euro	41,20
Rods	mm	400
Weight	kg	approx. 1



CARTRIDGE GAS WELDER



PDF

ITEM: J8260

Piezoelectric ignition, gas preheating to weld even upside down. Supplied without cartridge.

Tech. Code		J826001	J8260R1
GR75	Euro	78,23	14,60
Description		Welder	Cartridge
		-	Propane/butane





ITEM: 1 - FLUXO S190 SOLVENTE

Cleaner for removing oil, dirt, paint, rust, moisture, and miscellaneous residues.

An optimal preventive cleaning in order to allow the penetrating agent to seep in without obstacles, even in the most microscopic crack, is essential for detecting defects.

Tech. Code		J8411400
GR75	Euro	19,80
Package	Spray can	
Quantity	ml	500
		12



ITEM: 2 - FLUXO P125 PENETRANTE

Penetrating product for application on surfaces to be inspected. Applied on wet surfaces, it seeps into gaps by capillary action.

Tech. Code		J8412400
GR75	Euro	19,80
Package	Spray can	
Quantity	ml	500
		12



ITEM: 3 - FLUXO R175 RIVELANTE

The developer absorbs and draws the penetrating agent left over in the gap to the surface, allowing the red colorations to be seen in contrast with the white background.

Tech. Code		J8414400
GR75	Euro	18,70
Package	Spray can	
Quantity	ml	500
		12



MOLYBDENUM BISULPHIDE MULTIPURPOSE ANTI-SPATTER



ITEM: CLEAN WELD

The antispatter CLEAN WELD is a product designed to avoid the seizure between surfaces in contact in the presense of high temperatures.

CLEAN WELD antispatter is ideal for preventing the adhesion of metal particles to the torch of the wire welders and the surfaces adjacent of the weld.

CLEAN WELD thanks to its latest generation additives is a valid alternative to graphite and being free from silicones is an excellent product for the lubrication of catenaries for furnaces up to 800 ° C.

Tech. Code		J8435400
GR73	Euro	9,01
Package	Spray can	
Quantity	ml	400
		12



MULTIPURPOSE ANTI-SPATTER

LTEC



ITEM: SLICK SPRAY

Multi-purpose antispattern SLICK SPRAY is a product that is used in all continuous wire welding and metal working processes in which there are incandescent waste emissions. SLICK SPRAY guarantees superior safety thanks to the particular totally synthetic base and the absence of solvents. Silicon Free. The innovative formulation of SLIK SPRAY allows its use even in conditions of high metal slag formation by processing. The slag at high temperature when it comes into contact with the product does not develop harmful and polluting gases, thus safeguarding the health of the operator.

Tech. Code		J8440400
GR73	Euro	5,12
Package		Spray can
Quantity	ml	400
		12



ITEM: ANTISPATTER SLICK RTU

Fluid ready to use, economical and ecological. SLICK RTU is a completely synthetic, transparent and solvent-free soldering agent. The product is Silicon free. Applied to areas adjacent to the areas to be welded, it prevents slag and fusion sprays from adhering, facilitating subsequent cleaning steps. SLICK RTU is used in all continuous wire welding, laser cutting and metalworking processes where there are incandescent waste emissions. The particular totally synthetic base and the absence of solvents, allows the use of SLICK RTU even in cases where there is a high formation of slag, in contact with which SLICK RTU does not develop harmful and polluting gases, safeguarding health operator and environment.

METHOD OF USE

SLICK RTU is used as it is using normal sprays.

SLICK RTU is sprayed in the welding torch and on the surfaces involved in laser cutting.

Tech. Code		J844520
GR73	Euro	79,68
Package		Can
Quantity	L	20



PROTECTIVE CERAMIC FOR WELDING

LOCTITE



ITEM: SF 7900

Ceramic protector without silicon, long-lasting (up to 8 hours before re-application), dry to the touch in seconds. Prevents adhesion of molten metal splashes on threaded guides, torch nozzles and parts to be welded. Very effective on laser and plasma nozzles, eliminates cleaning downtime in automated welding systems with considerable time-savings.

Tech. Code		J8420400
GR72	Euro	36,00
Package		Spray can
Quantity	ml	400
		12



ANTI-ADHESIVE PROTECTIVE FOR WELDING

SAF-FRO



ITEM: SPRAYMIG H20

Protects torches and welding pieces, prevents adhesion to metallic parts at high temperatures. Ecological silicone-free and dichloromethane, non-flammable.

Tech. Code		J8425400
GR75	Euro	5,60
Package		Spray can
Quantity	ml	400
		12





FACE SHIELDS, SHIELDS AND FILTERS FOR WELDING STANDARD TABLE

EN 166	Construction and performance specifications of eye protectors
EN 169	Filters for welding and related techniques
EN 170	Ultraviolet filters
EN 171	Infrared filters
EN 172	Solar filters for industrial use
EN 175	Eye and face protection equipment during welding and related processes
EN 379	Automatic welding filters
EN 1731	Mesh eye and face protectors



FACE SHIELDS FOR WELDING



ITEM: J8610

Cellulose fiber material with anti-reflective treatment, internal reinforcement, black.
EU standard reference - EN 175.

Tech. Code		J861010
GR75	Euro	16,40
Glass dimensions	mm	75 x 98
Weight	g	320



ITEM: J8612

Thermosetting material, non-flammable fiberglass, black.
EU standard reference - EN 175.

Tech. Code		J861210
GR75	Euro	25,30
Glass dimensions	mm	75 x 98
Weight	g	520



HELMET MASKS FOR WELDING



ITEM: J8616

Helmet mask for welding in polypropylene, colour red.
Supplied without glass.
EU standard reference - EN 175.

Tech. Code		J861610
GR75	Euro	16,30
Glass dimensions	mm	75 x 98
Weight	g	317



HELMET MASKS FOR WELDING WITH LIFTING GLASS-HOLDER



ITEM: J8618

Helmet mask for welding in polypropylene with lifting glass-holder colour red.
Supplied without glass.
EU standard reference - EN 175.

Tech. Code		J861810
GR75	Euro	34,00
Glass dimension	mm	75 x 98
Weight	g	397



HEADGEAR MASKS



ITEM: J8620

Headgear in thermoplastic material with replaceable sponge sweatband. Special rack and pin system for adjusting the circumference.

Tech. Code		J862011
GR75	Euro	10,60
Description		Replacement headgear for masks - for J7520 / J7530



ELECTRONIC WELDING MASKS



ITEM: EUROONE

Latest generation electronic auto-darkening welding mask. Suitable for a range of welding processes, MMA - MIG - MAG, and grinding. Solar powered. No batteries required. Adjustable headgear with sweatband. Included: 2 external protective lenses, 2 internal protective lenses and 1 sweatband. Compliance: EN379 EN175 EN166

Variable shade: DIN 3.5/9-13
Light to dark switching time 0.06 ms
Arc sensors: 2
Cartridge size: 110 x 90 mm
Viewing area: 4,312 mm²

Tech. Code		J864010
GR75	Euro	156,60
Power supply		Solar powered
Weight		490 g



ELECTRONIC WELDING MASKS



ITEM: TIGER TOP

Electronic masks for high performance welding, suitable for all welding processes. Equipped with a True Colour system that guarantees a true colour vision. Adjustment of the DIN 5 9/9 13 filter
External control regulation and filter sensitivity
4 dimming sensor, weight 510 g
Dimming time 0.08 ms
EU reference standards EN175 EN379

Tech. Code	J865010	J865012	J865014	J865016	
GR75	Euro	220,20	4,70	16,70	26,10
Power supply	Solar cells	-	-	-	
Spare parts	-	Glass internal protection (5pcs)	Glass external protection (10pcs)	Cruise for masks	



COLOURLESS MINERAL-GLASS FLAT PLATE

ITEM: J8670

Suitable for protecting adiactinic glass in welding masks.
EU standard reference - EN 166 - Colorless, thickness 2 mm

Tech. Code		J86701
GR75	Euro	0,70
Dimension		75 x 98
		10

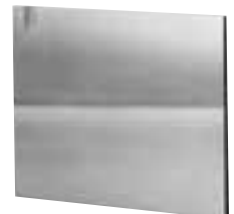


ADIACINIC MIRROR GLASS

ITEM: J8672

Chromed surface, suitable for welding masks used.
EU standard reference - EN 169 - Thickness 3 mm

Tech. Code		J867210	J867211	J867212
GR75	Euro	4,70	4,70	4,70
Degree		DIN 10 Light green	DIN 11 Medium green	DIN 12 Dark green
Dimension		75 x 98	75 x 98	75 x 98
		10	10	10



ADIACINIC GLASS

ITEM: J8675

Suitable for welding masks.
EU standard reference - EN 169 - Thickness 3 mm

Tech. Code		J867509	J867510	J867511	J867512
GR75	Euro	2,50	3,00	3,00	3,10
Degree		DIN 9 Light green	DIN 10 Light green	DIN 11 Medium green	DIN 12 Dark green
Dimension		mm	75 x 98	75 x 98	75 x 98
		10	10	10	10

