KONTAKT CHEMIE ®

maximizes electronics performance







KONTAKT CHEMIE has been the leading manufacturer of technical sprays for the electronics industry for more than 60 years. During that time, it has evolved beyond electronics to develop a range of high-quality products for all types of electrical and electronic goods.

From the beginning, KONTAKT CHEMIE 'KONTAKT 60' was a breakthrough innovation and a huge success in Germany. Since then, many other products have followed, and the firm's reputation for performance and efficiency has continued to grow. So much so that today, it's become unthinkable to develop, maintain and repair electrical and electronic goods without using KONTAKT CHEMIE products.

Now part of CRC Industries, a world leading manufacturer of technical aerosols, KONTAKT CHEMIE products benefit from increased in-house research & development resources, as well as more manufacturing capacity. This ensures KONTAKT CHEMIE products continue to meet the high standards of quality and performance demanded by technicians all over the world.

A BROAD PRODUCT RANGE -

As electronics are increasingly used in diverse fields, the KONTAKT CHEMIE product range meets the needs of:

TECHNICAL CLEANING

Whether it is a case of contacts inhibited by corrosion, or heavily soiled printed circuit boards and electronic components, KONTAKT CHEMIE cleaning sprays quickly re-establish connections.

MAINTENANCE AND QUALITY ASSURANCE

KONTAKT CHEMIE offers a multiplicity of products, which are specially designed for the care of electronic and electrical equipment and guarantee their long term faultless operation.

RELIABLE AND LONG-LASTING PROTECTION

Moisture is the enemy of all electrical contacts. High quality products from KONTAKT CHEMIE protect against corrosion and keep the electronics operating even when the environment is not what it ought to be.

SPECIAL USES

KONTAKT CHEMIE sprays guarantee an effective protection with a high dielectric strength, keeping all components, printed circuits, metals etc., Clean, reliable and suitable.

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A SERVICE FOR YOU

A service offered to KOC end-users and distributors as a means to automate the task of updating Technical Data Sheets (TDS) and Safety Data Sheets (SDS), reducing the burden on staff having to remember, schedule, and undertake this HSE requirement.

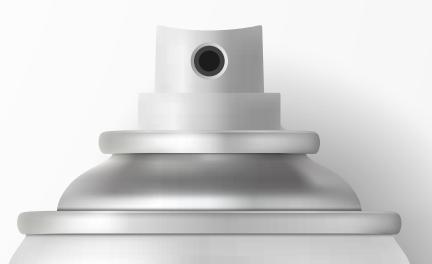
By using My KOC, the end-user can ensure 100% compliance, automatically when there is a change to the datasheets, whether due to legislative changes such as hazard classifications or amendments to European law. These changes do not affect the product performance or availability, but in a highly regulated industry – up to date compliance is essential to avoid prosecution. The ongoing REACH legislation will affect all processors, distributors, and users of chemicals throughout Europe, however, many people are unaware of what this means. Using My KOC ensures that such changes will be incorporated into the SDS and TDS, with updates sent automatically. Offered through the KOC website

(http://www.kontaktchemie.com) a simple registration process provides access to the complete KOC product range where selection of relevant products takes place.

RECEIVE ONLY RELEVANT PRODUCTS UPDATES

The system remembers the selection, and will automatically generate an email notification when a significant change occurs to either the TDS or SDS, keeping relevant management and user personnel up to date.





HIGH-QUALITY

We understand your reliance on quality and conformance, and value your trust in us to deliver. With Kontakt Chemie products we strive for high quality and best performance.

OUT-PERFORMING

Many years of experience enabled us to deliver the best working product solutions for our end users. Kontakt Chemie products are unique in the market and have proven themselves over and over.







UFI CODE

The unique formula identifier, known by its acronym UFI, is a code that is legally required on the label of all products that contain a hazardous substance. The UFI code will be used by poison centres in the event of an emergency call. Kontakt Chemie will be one of the first in the market with full UFI registration.

ISO CERTIFICATE

Kontakt Chemie products undergo stringent quality control tests at every stage of product production. Both our production facilities in Zele and Bridgwater have the latest ISO 9001 quality certification, with Bridgwater also having the ISO 14001 on environmental management.

UKCA MARK

UK Conformity Assessed (UKCA) marking is a certification mark that indicates conformity with the applicable requirements for aerosols sold within Great Britain. UKCA marking is obligatory from 2023 in Great Britain. Kontakt Chemie displays this mark on the products that are sold in Great Britain.



MULTI-LANGUAGE LABELS

Kontakt Chemie products can be exported for international branches and end users.

Local users and employees from across most European countries can safely use our products and read safety instructions in a language known to them.

We currently display 22 languages enabling us to serve many markets in Europe: for the full overview of all versions please go to the full listing at the end.





KONTAKT 60

Oxides don't stand a chance











An oxide dissolving contact cleaner, highly recommended to regenerate corroded, heavily used and soiled contacts. Low contact resistance is restored, thus guaranteeing low voltage drop at even lowest contact pressures.

FEATURES

- Dissolves oxides on contacts, ready to be rinsed away with KONTAKT WL. Finally, KONTAKT 61 protects and lubricates the clean contact
- · Metals, graphite, carbon-based materials, thermoplastics, thermoset resins, insulators and other materials are not affected
- · A dielectric substance, which does not facilitate leakage currents

APPLICATIONS

- Ensures clean results wherever electrical contacts need to be cleaned
- Removes oxides from all kinds of metal contacts in electronics, automotive and industrial applications: switches, plug and socket connectors, sockets of integrated circuits, fuses, lamp sockets, slide contacts

CHARACTERISTICS

< 0°C Flash point Density at 20°C 0,774 g/cm³ red transparent Appearance





KONTAKT 60 PLUS

Cleaning and protection of electrical & electro-mechanical parts



Used for maintenance and repair jobs on TV, radio, electronic equipment, household appliances, (car) electronics...



KONTAKT NB

Non-flammable safety cleaner for electronics









KONTAKT NB is the safety cleaner that can also be used on live devices. The precision cleaner is non-flammable, non-conductive and dries quickly and residue-free after use. It is ideally suited for removing dirt from contacts, circuit boards, sensors, etc.



TUNER 600

The cleaning spray for high quality consumer electronics









TUNER 600 was specially developed to clean sensitive contacts. Its gentle cleaning power makes it particularly well-suited for use on rubber, graphite conductors and high frequency components. The low surface tension of the carefully selected solvents used in TUNER 600 makes it penetrate into hard-to-reach areas.

FEATURES

- The solvents penetrate in the most difficult to reach areas. The special components will remove persistent corrosion and deposits (oxides, sulphides...) from all kinds of metal contacts, improving the electrical conductivity
- The protective film will reduce the friction and wear and will protect the contacts from severe corrosive atmospheric influences

APPLICATIONS

- Kontakt 60 Plus is safe to use on: metals, graphite, carbon-elements
- · Safe on most plastics and insulators

FEATURES

- Non-flammable, high level of security in use
- Compatible with materials commonly used in electronics
- Non-conductive
- · High dielectric strength
- Fast and residue-free evaporation

APPLICATIONS

- Safe to use on live assemblies, eliminating expensive downtimes
- Removes deposits and dirt from electronic components, contacts, circuit boards and sensors

FEATURES

- A high grade, pure product, which does not attack components
- The finely balanced solvent combination enables TUNER 600 to clean dust, nicotine, greasy residues, etc
- · Dries in seconds without leaving any residue

APPLICATIONS

 A widely used cleaner, where sensitive plastics are involved, for: high frequency technology, sensitive switches, relays, sensors, modules, coil carriers, and capacitators

CHARACTERISTICS

Flash point < 0°C

Density at 20°C 0,75 g/cm³

Appearance amber

CHARACTERISTICS

Flash point

Density at 20°C 1,30 g/cm³

Evaporation rate (ether = 1) 3,5

Plastic compatibility test passed with ABS, Noryl, Lexan

non-flammable

CHARACTERISTICS

Flash point < 0°C
Odour mild

Evaporation rate (ether = 1) approx. 1

Plastic compatibility test passed with ABS,
Noryl, Lexan



CONTACT MAINTENANCE

PRODUCT	OXIDE DISSOLVING	DIRT DISSOLVING	MOISTURE DISPLACING	CORROSION PROTECTION	LUBRICATION & SLIDING PROPERTIES	RESIDUE-FREE EVAPORATION
KONTAKT 60	High	High	Middle	-	Low	-
KONTAKT 60 PLUS	Middle	High	Middle	Middle	Middle	-
KONTAKT WL	-	High	-	-	-	High
TUNER 600	-	Middle	÷	-	-	High
KONTAKT SUPER 10	-	Middle	Middle	Middle	High	-
KONTAKT 61	-	-	High	Middle	Middle	-
KONTAKT GOLD 2000	-	-	-	Middle	Highest	-
KONTAKT 701	-	-	-	High	Middle	-

The optimal restoration of electrical contacts in 3 steps:

STEP 1 KONTAKT 60

Dissolves oxidation and corrosion layers, restoring the metal contact.

STEP 2 KONTAKT WL

Rinses dissolved corrosion residues, grease and dirt. Evaporates completely.

STEP 3 KONTAKT 61

Builds a thin protective film, preventing corrosion and wear of the contact over time.

COMPRESSED





Volume compressed, more product. By using a compressed propellant, which takes very little space inside the can, we can increase the amount of active product with a staggering 40% on average. Making it a more economical offer to our customers.

All Kontakt Chemie products using this filling technology carry the +40% symbol.



KONTAKT PCC

Professional look for your printed circuit boards, dissolves flux residues







After soldering printed circuit boards, flux residues do not only look unaesthetic, but can also cause corrosion damage and electrical breakdown by leakage currents. Small solder particles, bonded by flux, can create short circuits.

FEATURES

- Removes all types of flux, without leaving any residue
- Dries quickly
- Compatible with solder resistant coatings and most printed circuit board base materials
- Ensures perfectly clean printed circuit boards
- Ensures better resistance against formation of surface leakage paths
- · Ensures high insulation resistance
- · Good adhesion for coatings

APPLICATIONS

- KONTAKT PCC is used to clean printed circuit boards and other electronic components
- It is also used before and after soldering and repair works and in the preparation of the surface prior to applying conformal coatings or protective stickers

CHARACTERISTICS

Flash point < 0°C

Density at 20°C 0,80 g/cm³

Appearance clear / colourless liquid

Odour mild Evaporation rate (ether = 1) 10





DEGREASER 65

Ensures clean contacts for electric motors and equipment







A highly effective cleaning and degreasing agent. Can be used whenever greasy and oilbased substances interfere with the smooth running of electric motors and equipment.



CLEANER 601

A mild multi-purpose cleaner









Designed for cleaning electronic components and precision mechanics, especially when sensitive plastics such as polystyrene or polycarbonate are involved. It has a low surface tension, which greatly accelerates the cleaning process.



KONTAKT WL

The wash spray, able to dissolve grease









A cleaning agent based on a solvent mixture ensuring a broad scope of effectiveness in prompt degreasing and cleaning of electronic components and electrical contacts.

FEATURES

- · A fast-acting solvent mixture, which was especially formulated for degreasing electric motors and equipment
- Controlled evaporation and a high solvent power give it effective cleaning and degreasing properties
- · Oil, grease, wax, dirt, and other interfering factors do not stand a chance
- Cleans quickly and easily, even heavily soiled components
- Cleans without mechanical assistance

APPLICATIONS

 Has proven itself in practice for cleaning & degreasing: electric motors, transformers, electro-mechanical equipment, air conditioning units, power tools, charger units, switchgear, cables, aerial insulators

FEATURES

- · Extremely pure
- Leaves no residues
- · Material compatible
- Fast evaporation rate
- Can reach normally inaccessible areas by using the extension tube

APPLICATIONS

- Used in many fields of electronics and electrical engineering where sensitive components must be cleaned with the
- · Helps to safely remove soiling, dust, grease and other deposits, which can affect the performance
- · Suitable for: cleaning of fine mechanics (bearings, springs,...), model railways, printed circuit boards surface preparation, optical assembly groups: mirrors, headlights...

FEATURES

- · Dissolves and cleans without affecting most commonly used materials
- · Contacts which have been treated using KONTAKT 60 to dissolve corrosion products can then be rinsed using KONTAKT WL, finally, KONTAKT 61 protects the clean contact
- · Contaminants, resins and other residues can be removed easily

APPLICATIONS

· Degreasing and cleaning of electronic components and electrical contacts: plug and socket connectors, sliding and transfer contacts, commutators of electrical motors, relays

CHARACTERISTICS

25°C Flash point Density at 20°C 0,808 g/cm³

Evaporation rate (ether = 1) 19 Surface tension 23 mN/m

CHARACTERISTICS

< 0°C Flash point Density at 20°C 0,67 g/cm³ Evaporation rate (ether = 1) 1

Surface tension 17 mN/m

CHARACTERISTICS

< 0°C Flash point Density at 20°C 0,77 g/cm³ clear / colourless **Appearance**

Evaporation rate (ether = 1) ca. 10



KONTAKT LS

The effective circuit board flush for electrical systems and devices







This quick cleaner is ideally suited for rinsing out switch cabinets, transformer systems and motors. KONTAKT LS has a high dissolving power, evaporates quickly and leaves no residue and is well compatible with common electronic assemblies, making it well suited for cleaning circuit boards.

FEATURES

- Special flushing liquid with high dissolving capacity for oil, grease, and industrial deposits
- High spray pressure thanks to the special gun spray head
- Large 500 ml spray can with 95% active ingredient content
- Compatible with all common materials in electronics

APPLICATIONS

- For residue-free removal of dirt from control cabinets and motors
- For quick cleaning and degreasing of circuit boards, cables, plugs, etc

VIDEO 90

Ensures clean magnetic heads









Small dust particles can cause significant sound and picture interference on video equipment. These dust particles can be removed very easily from magnetic heads by using VIDEO 90. The product has a very low surface tension which enables it to clean without leaving a residue.

FEATURES

- A very pure chemical formulation which does not attack coatings or sensitive components
- Acts specifically on soiled magnetic heads
- Fast evaporation rate, leaving no residue

APPLICATIONS

- · Magnetic heads, picture- and sound heads
- · Disk drives, CD, DVD players, tape recorders
- Optical laser systems and sensors
- Projectors

FLUID 101 A dewatering fluid with extreme





properties





Costly interruptions to the manufacturing process due to short circuits in the electrical circuitry caused by condensation and humidity, are now a thing of the past, thanks to FLUID 101.

fast moisture displacement

FEATURES

- A dewatering fluid with extremely fast moisture displacement properties
- High water-repellent and anti-corrosive properties
- Can get into hard-to-reach areas and act there without requiring disassembling of equipment due to its marked capillary activity
- Promptly eliminates leakage currents and short circuits and prevents their recurrence
- · Fluid 101 does not emulsify in water

APPLICATIONS

- To repair mechanical and electrical equipment after water damage
- For quick resolution of short circuits caused by moisture. ex: Ignition systems, transformers, ...
- For fast drying of moisture-sensitive components
- To remove aqueous machining fluids in the production process

CHARACTERISTICS

Flash point < 0°C

Density at 20°C 0,74 g/cm³

Appearance clear / colourless liquid

CHARACTERISTICS

Flash point < 0°C Odour mild Evaporation rate (ether = 1) ca 1

CHARACTERISTICS

Flash point 41°C

Density at 20°C 0,80 g/cm³

Film thickness calculated ca. 0,3 µm

Drying time (20°C) 20 - 30 minutes



KONTAKT IPA

Universal cleaner for electronics, fine mechanics and optics













99,7% pure isopropanol in a spray can. The ready to hand aerosol enables a pinpointed, clean application. Ideal as multi-purpose cleaner to improve the performance and reliability of electrical and electronic equipment.

FEATURES

- Extremely pure
- · Evaporates completely, leaving no residue
- Non-staining on glass and metals
- Safe application due to the sealed can
- Less soiling
- Trouble free storage
- Extension tube for hard-to-reach areas

APPLICATIONS

- Magnetic heads in video and audio equipment
- Disk drives and rubber rollers
- Optics, mirrors, polished metal surfaces
- Printed circuit boards
- Remains of old lubricants and greasy dirt on fine mechanics
- Water resistant and felt-tip inks

CHARACTERISTICS

Flash point 12°C

Density at 20°C 0,79 g/cm³ clear / colourless

Appearance liquid

Evaporation rate (ether = 1) 11

Purity (without propellant) at least 99,7% water content < 0.2%





SPRAY SYSTEN

DUSTERS

HOW TO FIGHT INTERFERING DUST







A range of products made from a high pressure, non-flammable, liquid gas blend that acts like compressed air. Available in a variety of sizes all offering a jet of dry gas to remove dust and airborne contamination from very delicate or inaccessible areas of electrical and electronic equipment. Prevents electronic component errors, downtime and damage caused by microscopic dust.

FEATURES

- Blows away lint, oxide particles and dry contaminants
- Helps to eliminate failures caused by fluids (water, oil mist...) trapped in dust or dirt
- Essential for all cleaning operations where liquid solvents are inappropriate
- Moisture- and oil-free source, replacing laborious and expensive compressed air cleaning
- Quick and safe
- Harmless to plastics, coatings, and delicate components
- Non oxidizing
- · Leaves no residue or condensation
- · Always at hand as part of any service kit

APPLICATIONS

 Essential for all cleaning operations, where liquid solvents are inappropriate such as: magnetic tape heads, precision instruments, printed circuit boards, laboratory equipment, miniature assemblies, watch mechanisms, optics and lenses, communication equipment, data processing, equipment, cash dispensers, fiberglass cable connections, medical instruments

NOTE

For best results use the "quick shot" method. When the aerosol is cooling down and the pressure is decreasing, wait a few moments to restore the internal equilibrium in the aerosol can.

DUST OFF 67 JET

The re-useable spray nozzle with screw fitting enables a precise flow control when removing dust and other dry contaminants from precision mechanics, electronic assemblies, and fine optics.







DUST OFF HF

The tornado in an aerosol. The high flow rate valve ensures a very powerful blowing action. Especially designed for heavy duty applications.







DUST OFF 360

Invertible general purpose air duster. Due to the advanced technology, the aerosol can be used upside-down. Provided with an extension tube for hard-to-reach areas.









DUST OFF 67

Non-flammable duster for general purpose







A high pressure, inert, liquefied gas that removes dust and loose debris. It prevents electronic component errors, downtime and damage caused by microscopic dust. Formulated for low-long term environmental impact. The DUST OFF 67 has a reduced Global Warming Potential (GWP) value of 7.

FEATURES

- Non-flammable according to directive 2008/47/EC
- High security in application
- Moisture and oil-free
- · Will not leave residues like compressed air cleaning
- Harmless to all common materials in electronics
- Equipped with an extension tube for an accurate cleaning procedure

APPLICATIONS

- Applicable even on sensitive components like optics or precision instruments
- Cleaning of laboratory, communication or data processing equipment
- Essential for all cleaning operations, where liquid solvents are inappropriate

CHARACTERISTICS

Appearance colourless gas

Specific gravity (liquid, 20°C) 1,2
Vapour pressure at 20°C 420 kPa
Ozone depletion potential none

Flame extension test pass < 15cm

Drum test pass > 300 s/m³





FEATURES

residue

APPLICATIONS

PRINTER 66

The effective cleaning agent for printer heads

200 ml 400 ml





To maintain high standards of legibility in data processing printouts, printer components must be kept clean. An effective cleaning agent is therefore of the utmost importance in this field. PRINTER 66 contains an anti-static additive to minimize dust attraction and damage due to electrostatic discharge, during long periods of time.

· An effective mixture of solvents, which

be removed by PRINTER 66

· Roller units and paper feeders

· Degreases the whole printer unit

· Printhead unit & printhead cartridges

 Abraded metal deposits, ribbon residues. hardened oils, greases, and other soiling,

dissolves and removes ink, paint, and toner

which can interfere with performance, can all

· All kinds of printers: ink-jet printers, dot matrix

printers, golf ball printers, matrix printers,

· Contains highly efficient components for a powerful and immediate cleaning effect

A universal foam cleaner that can be used in

industrial workshops, offices, around the house...

It cleans quickly without leaving any traces, and

has proven itself on all kind of surfaces such as:

glass, metal, ceramic and plastic. Also suitable

- Does not run off from vertical surfaces

APPLICATIONS

- In production facilities and workshops, to remove contaminations from, tools, Plexiglas protections, bulbs, and protection coverings
- On vehicles, agricultural and building windscreen and headlights
- · Cleans chrome parts and the driver's compartment
- windows, doors, mirrors, and upholstery

MULTIFOAM 77

Water-based foam cleaner with solvents for general use



SURFACE 95

The efficient cleaner for modern office and telecommunication equipment







The cleaning of terminals, PC and screen housings and copiers can give electrical mechanical breakdowns when using small quantities of water-based cleaners. SURFACE 95 is water-free and prevents short circuits and corrosion. Furthermore, SURFACE 95 removes heavy dirt and gives a long-lasting shine.

FEATURES

for fabrics and painted surfaces.

- · Pleasant perfume
- machines, frames, working tables, containers,
- machines, takes away insects, from the
- · In the office and household, to clean furniture,

FEATURES

- · A highly active cleaning fluid
- · Contains polishing agents, which give long lasting shine
- Makes treated surfaces look clean and new
- Water-free
- Has antistatic properties
- · Compatible with most plastics and paints (test prior to use)
- · Removes grease, dirt and stains from all plastic and metal surfaces

APPLICATIONS

- · Office equipment, such as PC housings, keyboards, telephone equipment, windows, desks, furniture, housings of printers, scanners
- · In communication and meeting rooms

CHARACTERISTICS

thermal printers...

< 0°C(flammable) Flash point Density at 20°C 0,713 g/cm³ colourless liquid **Appearance** Evaporation rate (ether = 1) max. 11

CHARACTERISTICS

< 0°C(flammable) Flash point white foam **Appearance** Odour fresh, pleasant

CHARACTERISTICS

< 0°C Flash point Density at 20°C 0,7 g/cm³ colourless liquid **Appearance**



LABEL OFF 50

For easy removal of self-adhesive labels











Removing self-adhesive labels is always a time-consuming task. If the mechanical removal of labels might cause scratches, LABEL OFF 50 is the ideal solution. Saves time, trouble, and money. It acts on the adhesive itself, neutralizing its adhesion.

FEATURES

- A powerful dissolving agent for all paper adhesive labels
- Quick and gentle separation of labels from surfaces such as glass, china, metal, paper, carton, wood...
- Easy removal of natural greases, resins, fingerprints

APPLICATIONS

- Office equipment
- Address and production stickers
- Identification labels on shelves, drawers, or containers
- · Labels on spare parts and tools
- Price indicating labels
- · Laboratory labels on flasks and bottles
- For removing greases, adhesive and label residues

CHARACTERISTICS

Flash point < 0°C

Density at 20°C 0,74 g/cm³

Odour strong orange

Evaporation rate (ether = 1) 94



FOR QUICK AND EASY CLEANING OF ALL SCREENS







Kontakt Chemie screen cleaners are technical glass cleaners, which have been specially developed to meet the requirements of modern times which are more and more dominated by screens. A dirt-free screen is a basic prerequisite for a pleasant working experience either in the office or at home. Because of the inevitable build-up of static electricity, every monitor screen attracts dirt and, from time to time, requires thorough, gentle, streak-free cleaning with our SCREEN 99, SCREEN TFT or the antistatic SCREEN WIPES.

FEATURES

- Improves legibility on screens by removing: dust, grease, nicotine deposits, finger marks, streaks, and smudges
- Safe and easy to use due to the foam formulation
- The screen stays clean for long periods thanks to the anti-static properties
- Excellent material compatibility: glass, metals, enamel
- · Good compatibility with: PVC, ABS, polyamide, acrylic glass, polycarbonate

SCREEN 99

- Contains a small amount of solvents to improve cleaning action
- Suitable for all glass surfaces
- · Does not drip off from vertical surfaces
- Achieves good results when cleaning other hard surfaces such as metal and plastics

200	ml
400	ml

SCREEN WIPES

- Glass surfaces on scanners and photocopiers
- Monitors, glass and coated glass of plasma and LCD screens
- Displays of cellphones, GPS, tablets, game consoles, etc...



SCREEN TFT

- · Contains no solvents
- Works on most common contaminators: fingerprints, nicotine...
- · Does not drip off from vertical surfaces
- Ideal for sensitive screens and screen coatings

凡	
	100 ml
	200 ml



DISCOVER OUR MULTI SOLUTION WEB-STORE



LIVE STOCK CHECK



24-7 ORDERING



SECURE LOGIN



INSTANT PRODUCT INFORMATION



ORDER HISTORY



FAST-TRACK ORDER TEMPLATES



PERSONAI SERVICE





www.kontaktchemie.com



GRAPHIT 33

Electrically conductive coating





A dispersion of fine, pure, colloidal graphite in a specially formulated solvent mixture with an organic binder, which gives an electrically conductive coating to non-conductive media.

FEATURES

- Drv lubricant
- Provides a dry, adhering, electrically conductive coating to: plastics, wood, glass, ceramics
- The coating can be made even more electroconductive, stable and colour-fast, by simply polishing the spray film with cotton wool, a soft cloth or a buffing disc, or baking at 90°C

APPLICATIONS

- To avoid electrostatic charge build up in packaging materials and housings of electronic equipment
- · As a conductive coating for electroplating of non-conductive materials
- Repair of graphite-coated PCBs in keyboard switches and remote controls
- · To firm the ESD protection of packaging and conveyor tube equipment
- Coating of cables

CHARACTERISTICS

black **Appearance** Surface resistivity at 20°C 1000-2000 Ω Particle size 1-10 µm Temperature resistance of 250 - 300°C graphite film



EMI 35





shielding

electromagnetic interference

Developed to provide shielding from electromagnetic waves of plastic housings in electronics. EMI 35 is a highly conductive copper-based coating, which can be used to shield against electromagnetic interference (EMI), as well as to protect against electrostatic discharge.

FEATURES

- · The coating shows good stability due to the optimum combination of binder, corrosion inhibitor and copper
- · High degree of protection, even in difficult environmental conditions
- · Good adhesion on and compatibility with plastics
- Dries very quickly: handling time less than 30 min (air-drvina)

APPLICATIONS

- · Applied as a screen on plastic surfaces, to avoid electromagnetic noise
- · Protection of sensitive electronics from electromagnetic waves
- Offers an effective solution whenever plastic housings require shielding: office equipment, measuring instruments, consumer electronics, telecommunication equipment

CHARACTERISTICS

0,9 g/cm³ Density copper brown **Appearance** - 40°C to + 95°C Operating temperature Shielding attenuation 60 dB



from

URETHAN 71

The conformal coating for electro-engineering and electronics



200 ml 400 ml



A top quality, single component, urethanemodified, insulating, and protective coating for use in electro-engineering and electronics. It provides a long-lasting seal to protect against moisture and environmental influences. Because it is a thermoset material, it is more difficult to solder through the URETHAN 71 film.

FEATURES

- Outstanding adhesion performance in the temperature range from -40°C to +120°C
- High dielectric strength
- · High surface and volume resistivity
- · Resistant to moisture
- · Unique combination of hardness, elasticity, and strong adhesion
- · Offers an advantage over two component coatings in: providing a high-quality protective lacquer and an easy, costeffective application

APPLICATIONS

- · Offers a long-lasting protection on printed circuit boards and on coils in electric motors
- · Anti-moisture sealant in corrosive atmospheres for all types of metals
- Used on: armature coils, casings, cables and wiring, connectors, control systems, electronic components, solenoids, machine tools, transformer clamps and casings

CHARACTERISTICS

< 0°C Flash point Appearance transparent yellow Surface resistivity at 20°C >1012 Q >40kV/mm Dielectric strength at 20°C Volume resistivity at 20°C >10¹² Ω.cm



PLASTIK 70

The universal conformal coating for printed circuit boards



200 ml 400 ml



A fast drying, transparent, acrylic coating, with good dielectric properties. It shields printed circuit boards or other parts from corrosive (atmospheric) influences. This film protects printed circuit boards from leakage currents and short circuits...

FEATURES

- · Provides a protective and insulating film against atmospheric influences such as moisture, oxidation, dust or corrosive vapours
- Good adhesion on metal, plastic, wood, glass
- · The film is resistant to diluted acids, alkalines and atmospheric attack
- Can be soldered through
- Prevents sparking and corona effects
- Remains transparent and flexible even after a long period
- Operating temperature: -40°C to +60°C

APPLICATIONS

- · Insulation and protection of: printed circuit boards, general electronics, cables and wires, coils of electric motors, high voltage transformers
- · Protective coating in electro-engineering applications
- To avoid short circuits and electrical leakage

CHARACTERISTICS

Flash point < 0°C

Appearance transparent colourless

Surface resistivity at 20°C >1013 Ω Dielectric strength at 20°C >80kV/mm Volume resistivity at 20°C >1013 Ω.cm





FEATURES

to +125°C)

Anti-fungal

APPLICATIONS

· Allows soldering

· Without silicones

PLASTIK 70 SUPER

Effective protection for electronic circuits and assemblies

400 m



Used as a durable protection on all electronic assemblies which must resist extreme climatic conditions. The film protects printed circuit boards from leakage currents and short circuits in harsh environments.

• Contains a pigment that gives a fluorescent

Resist to extreme temperatures (from -40°C

blue glow when exposed to UV light

Quick drying at ambient temperature,

• PLASTIK 70 SUPER is used as a durable

which must resist extreme climatic

telecommunications, industrial

protection on all electronic assemblies

the following fields: marine, automotive,

conditions, successful results are found in

accelerated in oven cabinet

Perfect protection and insulation in hot/

Very resistant acrylic based varnish

humid environments

FEATURES

- Colorless liquid based on oxygenated solvents
- Low odor
- Good compatibility with electronic components

improvement of printed circuits.

 Does not attack printed circuits under normal conditions, test prior to use is recommended

Specially developed stripper for the conformal

coating. The product allows taking off existing

acrylic varnishes from printed circuit boards,

without damaging the electronic components.

Enables interventions for maintenance or

THINNER 70

conformal coatings

Thinner and stripper for the

 Relative quick evaporation. Compressed air or Kontakt Chemie Air Duster can be used to accelerate the drying

APPLICATIONS

- THINNER 70 is used a thinner to adapt the viscosity of conformal coatings PLASTIK 70 and PLASTIK 70 SUPER in all common applications:
 - Airless spray
 - Air assisted spray
 - Dipping baths
 - Curtain coaters
 - Blade applicators

CHARACTERISTICS

Aspect liquid

Density at 20°C 0,89 g/cm³

Flash point < 0°C

VOC 890 g/I

Fungal growth (D850) none



ZINK 62 Rust protector



200 ml

A zinc-based galvanic rust protector, prevents rust and provides long-lasting protection against aggressive environmental factors to all types of ferrous metals. Where galvanised surfaces have become damaged or altered through drilling, cutting, welding, or screwing, reliable corrosion protection, is required.

FEATURES

- Forms a resistant, flexible, electrically conductive, protective film
- Good adhesion on the base metal
- Protects the base metal even when scratched or damaged
- Excellent weld-ability
- · Will not flake off
- · Lead- and chromate-free

APPLICATIONS

- Prevents salt-water corrosion in shipping and coastal area installations
- · Railway equipment
- Gas, water and electricity supply companies
- Transformers, power stations
- Street lighting
- Car bodywork manufacturing

CHARACTERISTICS

Flash point (bulk) $< 0^{\circ}$ C
Surface resistivity at 20°C $> 1 \times 10^{12} \Omega$ Dielectric strength at 20°C > 85 kV/mmVolume resistivity at 20°C $> 1 \times 10^{13} \Omega$.cm
Coat thickness = 20 - 40 microns

CHARACTERISTICS

Flash point < 0°C

Density at 20°C 1,45 g/cm³

Appearance grey

Content of zinc in the dry film > 88%

Purity of zinc pigment > 98%

NEW IN RANGE

200 ml

KONTAKT SUPER 10 is a highly efficient switch and contact cleaner. It offers a combination of high purity electrical cleaning and mechanical lubrications for contacts, switches and relays.

FEATURES

- Removes grease, tarnish and other contamination from contact surfaces and leaves a protective lubricating film
- Cuts voltage drop between contacts by increasing the surface area and reducing resistance
- Eliminates contact bounce and stops the damage which can be caused by arcing between contacts
- Improves the current flow and protects against friction

APPLICATIONS

- Used for repairing vintage radio's, amplifiers, mixers, electric guitars & basses, ...
- · Fix all types of sounds crackles
- Potentiometer type controls
- Switches and sliding contacts

CHARACTERISTICS

Flash point < 0°C

Density at 20°C 0,7 g/cm³

Appearance clear liquid



LUBRICANTS



KONTAKT 2000 GOLD

Functional protection for all metal-plated contacts







A synthetic-based, medium viscosity lubricant, leaving a thin film. It gives long-lasting lubrication to connectors and other electromechanical contacts. It reduces wear on the contact surfaces and reduces damage.

KONTAKT 40

The solution to many problems in workshop and factory









KONTAKT 40's special chemical composition makes it a reliable penetrating oil, lubricant, water displacer and corrosion protector. It forms a durable barrier against water and oxygen with its virtually invisible film of oil. The excellent spreading power quarantees an even and complete coverage of all parts.



LUB OIL 88

The high-grade spraying oil in an aerosol









Makes maintenance and lubrication of even the most inaccessible points a simple job, without requiring the disassembling of apparatus, machinery, or locks.

FEATURES

- Has a very low surface tension, which ensures that the active film is evenly distributed over the metal, penetrating inaccessible spots, and guaranteeing effective protection
- Can be used to significantly improve the reliability of installations and equipment in harsh industrial environments
- · Should be used regularly, particularly where parts are subjected to frequent physical handling, to avoid interruptions and data loss
- Reduces operating costs considerably

APPLICATIONS

- · Used on connectors and other electromechanical contacts.
- Ideal on connectors with soft-metals: gold, silver, tin, palladium,...

CHARACTERISTICS

< 0°C Flash point Density at 20°C 0,77 g/cm³ Temperature resistance Up to 200°c

FEATURES

- Multi-purpose lubricant preventing electrical and electronic malfunction caused by water penetration, humidity, condensation, or corrosion
- Cleans, lubricates, penetrates, and loosens corrosion
- · Prevents corrosion by displacing moisture
- Restores low contact resistance and stops leakage currents produced by humidity
- · Convenient 360° spray valve, can be used in all positions

APPLICATIONS

- Electrical parts (plugs, switches, coils, leads,
- Mechanical parts (tools, locks, hinges, nuts) and bolts, fixtures, screws,...)
- Leisure (DIY, garden, home,...)

CHARACTERISTICS

78°C Flash point Density at 20°C 0,82 g/cm³ **Appearance** transparent yellow

Temperature resistance 120°C

FEATURES

- · Precision lubricating oil, totally acid and silicone free
- · Does not resinify, which results in longer lubrication intervals
- The detergent oil dissolves dirt, resulting in better corrosion protection and lubrication of the metal surface
- · Provides the best corrosion protection through oxidation inhibitors
- · Creates an effective water-repellent film with good lasting qualities

APPLICATIONS

- · Office equipment, such as PC housings, keyboards, telephone equipment, windows, desks, furniture, housings of printers, scanners
- · In communication and meeting rooms

CHARACTERISTICS

70°C Flash point Density at 20°C 0,80 g/cm³ Temperature resistance 100°C ± 5 mPas³ Viscosity at 20°C -30°C (DIN) Pour point



KONTAKT 61

Long life for new or cleaned contacts











A special cleaning, lubricating and anti-corrosive agent designed for contacts and electromechanical moving parts, which have been cleaned using KONTAKT 60. KONTAKT 61 provides a high degree of protection against corrosion and its microscopically thin protective film guarantees a high degree of contact. Furthermore, KONTAKT 61 prevents abrasion and seizing of contact strips and rails.

FEATURES

- Neutral active product
- Does not cause or promote leakage currents
- · Has a distinct anti-corrosive effect
- Is a first-class lubricant
- Mechanical abrasion between contact surfaces is greatly reduced and the life of connecting surfaces correspondingly increased

APPLICATIONS

- To lubricate sliding and plug sockets, reduces the wear and tear of contact surfaces
- Guarantees long lasting oxidation free contacts in a wide area of fields: manufacturing, repair and servicing,precision engineering, instrument technology

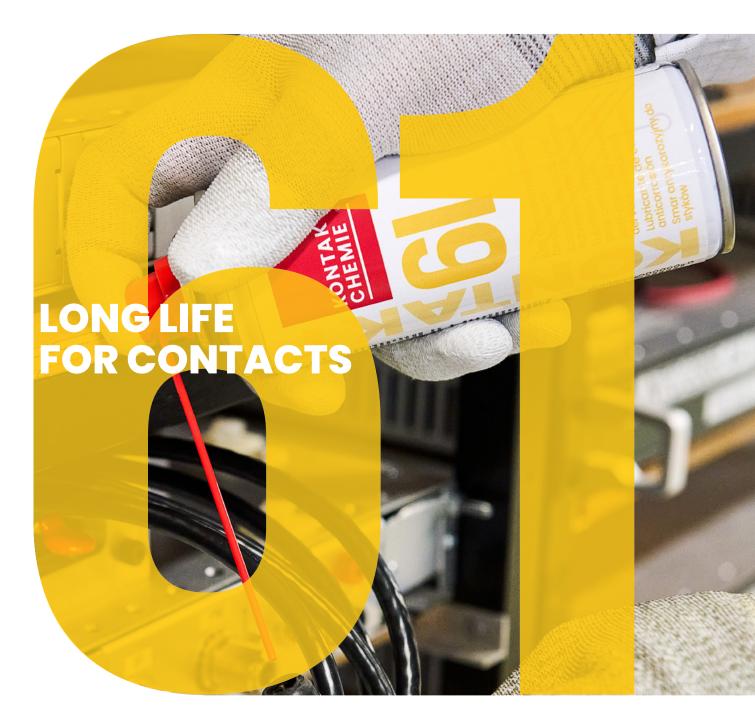
CHARACTERISTICS

Flash point < 0°C

Density at 20°C 0,76 g/cm³

Appearance transparent blue

Temperature resistance 80°C



UBRICANTS



KONTAFLON 85

A grease-free PTFE-based lubricant and release agent



The most important elements in Kontaflon 85 are polytetrafluorethylene (PTFE) particles, which give grease-free lubricating and releasing qualities. Wherever high-grade lubricants are required for work in an oil-free environment, Kontaflon 85, the practically invisible wax-like lubricant, sets new standards.

· Surfaces sprayed become water-repellent,

tack-free, do not soil or grease, non-

Resistant to temperatures ranging from

· Good adhesion properties due to a small

· Optimum alternative to mineral oil wherever

FEATURES

- High insulating capacity with a dielectric strength of 12 KV/mm
- Can be used at temperatures from -50°C to +200°C
- The insulating film remains stable regardless of temperature
- Ideally suited as a non-hardening insulating film
- Water repellant

APPLICATIONS

- As lubricant in electronics where corona effects / leakages and spark discharge must be prevented
- · As lubricant in the pulling of wiring and cable
- As a lubricant in plastics and chipboard production
- As a release agent in the moulding of plastic and rubber parts

SILICONE 72

For insulation, lubrication and protection











A high-quality, silicone-based, viscous, insulating oil, prevents spark discharge, stops leakage current and eliminates corona effect. It is water-repellent and therefore very effective as a moisture protector with excellent dielectric properties.



KONTAKT 701

An old remedy for modern technology









Pure vaseline spray used as lubricant and anticorrosion product. Cable clamps and screw connections are sealed and protected against corrosion using KONTAKT 701. Ordinary vaseline, because of its consistency, is difficult to apply. The KONTAKT 701 spray makes it simple to use.

FEATURES

- · Produced from high-purity, white vaseline
- Universal lubricant for a wide variety of purposes
- The extension tube that fits into the spray nozzle allows the vaseline to be sprayed accurately and precisely
- Compatible with most materials including metal, rubber, wood, leather and synthetics and elastomers that are resistant to paraffin oil (not polycarbonate, polystyrene and EPDM)

APPLICATIONS

- Battery terminals
- Cable clamps and screw connectors
- Electrical contacts
- · Antenna construction
- Communication engineering

clean, colourless, grease-free lubricants and release agents are required

APPLICATIONS

FEATURES

conductive

-100°C to +260°C

amount of binder

· Resistant to chemicals

- Lubrication of rotating, sliding, and turning surfaces subject to low friction and heavy load in: packaging, paper, electromechanical, electronic, furniture, textile and automotive industry
- As a release agent for the moulding of rubber and plastic parts

CHARACTERISTICS

Density at 20°C 0,59 g/cm³
Appearance whitish
Temperature resistance 260°C
Average particle size 5 µm

CHARACTERISTICS

Density at 20°C 0,97 g/cm³ 3 Kinematic viscosity at 25°C 1000 mm²/s 2 Dielectric strength at 20°C 12 kV/mm 3 Volume resistivity at 20°C 3 3 0 3 2 cm

CHARACTERISTICS

Flash point 70°C

Density at 20°C 0,72 g/cm³

Appearance creamy white

Congelation point ca. 50°C



ANTISTATIK 100

Gives electrostatic charge no chance





The accumulation of static electricity caused by friction is a phenomenon which is as familiar as it is annoying. That dust is attracted and items stick together are relatively harmless effects. Sometimes, electrostatic charge can lead to physical shock on contact or set fire to flammable vapour mixtures. ANTISTATIK 100 is an extremely effective, surfaceactive product avoiding this and similar effects.

FEATURES

- · Prevents accumulation of static electricity on textiles, plastics, etc
- Forms an ultra-thin invisible film
- · Does not affect most coatings, rubbers and plastics

APPLICATIONS

- · Cleaning and treatment of electrostatic charges on glasses, sound deadening shields, screens, acrylic
- · To avoid electrostatic discharges when touching seats (i.e. in cars), textile, carpet floors,...
- · Temporary protection for antistatic discharge on plastic frames and packing materials
- · Treats the rear of measuring instrument covers, preventing false readings

CHARACTERISTICS

< 0°C Flash point 0,75 g/cm³ Density at 20°C **Appearance** transparent Surface resistance at 20°C 1.10 8 Ω





FLUX SK10

The solder-active intermediate protector for printed circuit boards









An excellent soldering aid (flux), which can be used to prevent oxidation of circuit boards. FLUX SK 10 is suitable for manufacturing, repair and service purposes. The product forms a temporary protection against oxidation, which helps the soldering process at a later stage.

FEATURES

- An intermediate protective lacquer capable of being soldered
- · Meets the requirements of DIN 8511 F-SW31
- · Promotes rapid soldering
- Prevents cold spots and localized overheating while soldering
- · Protects circuit boards from corrosion during intermediate storage
- · Can be applied easily and quickly

APPLICATIONS

- Can be applied during the manufacturing of printed circuit boards, directly after etching, to prevent oxidation
- Ensures good flow of solder
- Used when soldering oxidized conductors
- Soldering casted lead parts of lead-acid batteries

CHARACTERISTICS

< 0°C Flash point 0,820 g/cm³ Density at 20°C **Appearance** transparent amber 80 - 85°C Softening point Drying time 30 minutes



POSITIV 20

To manufacture printed circuit boards using the photo positive process



A photo-sensitive lacquer, designed both for technical specialists and non-professionals, interested in producing single printed circuit boards or smaller production runs. POSITIV 20 not only facilitates the manufacturing of all circuit board formats, but also the making of heliogravures and the accurate transfer of photographic elements onto a wide variety of materials.

FEATURES

- Circuit board transparencies can be copied directly onto plates sprayed with POSITIV 20
- A high degree of exposure tolerance provides the conditions necessary for a high-resolution
- Suitable for glass, acrylics, aluminum, copper, brass, steel...

APPLICATIONS

- · Manufacturing of single printed circuit boards or smaller production runs, detailed procedure available on request
- The making of heliogravures and the accurate transfer of photographic elements onto a wide variety of materials
- · Manufacturing of medals or outline engravings

TRANSPARENT 21

Transparent spray









Wiring diagrams on a scale of 1:1 is suitable for direct transfer. Using TRANSPARENT 21 spray, single-sided newsprints or drawings can be made translucent to ultraviolet light. This enables the direct transfer of wiring or related diagrams from trade journals onto surfaces treated with the photocopy spray POSITIV 20, saving complicated reproduction work.

FEATURES

- Makes papers, tables and wiring diagrams transparent and translucent to UV light
- · Evaporates slowly, without leaving any residue

APPLICATIONS

- · For rapid transfer of wiring diagrams and drawings onto the substrate material
- Eliminates the expensive and timeconsuming reproduction process

CHARACTERISTICS

< 0°C Flash point 0,87 g/cm³ Density at 20°C **Appearance** transparent blue Maximum spectral 340-420 mm (UV-A) photo-sensitivity 15 minutes Drying time at 70°C

CHARACTERISTICS

< 0°C Flash point 0,8 g/cm³ Density at 20°C **Appearance** colourless liquid Odour light solvent smell 20 minutes Drying time





BUTANE REF

High purity butane gas for use with portable soldering irons



BUTANE REF is a high quality, pure liquid gas for use with portable soldering irons. The high purity soldering gas has a high heating value and leaves no residues. The compressed gas container has a high yield and is equipped with a universal valve for filling all kinds of gas soldering irons.



HEAT SINK COMPOUND

For thermal coupling and heat dissipation



SOLDABSORB

No-clean solder absorbant





Fine gauge copper braid with improved wick

action. The residue does not need cleaning.

Compound to increase the thermal conductivity and the efficient heat dissipation of electronic components.

FEATURES

- Easy to use and transport in aerosol packaging
- Universal valve
- · Leaves no residues
- · High yield, with compact spray can

APPLICATIONS

- · Soldering irons
- Welding
- · Filling portable lighters

FEATURES

- · High thermal conductivity
- · Excellent moisture buffer
- · Low metallic impurity content

APPLICATIONS

- · Printed circuit boards
- · Electronic components
- · Control assemblies

FEATURES

- Oxygen free and oil free fine gauge copper wire
- · Impregnated with a special flux for improved wick action
- The residue is halide free and non-conductive which means it does not need to be cleaned off
- Free from Rosin (Type R flux) for significant health benefit
- · Up to 4 times quicker than wicks based on Rosin, reducing the risk of heat damage
- Pure copper braid for excellent thermal conductivity and faster desoldering at lower temperatures

APPLICATIONS

- · Control assemblies, printed circuit boards, electronic components
- · For freeing components, desoldering plated through holes and preventing short circuits by removing solder bridges

CHARACTERISTICS

Flash point < 0°C

Appearance colourless liquid gas

CHARACTERISTICS

Density at 20°C 2,3 g/cm³ Appearance White paste Operating temperature -50 to 300°C

CHARACTERISTICS

Appearance copper solid



The low Global Warming Potential (GWP) symbol indicates the low impact on the environment.

In the past these types of products typically used F-Gasses, with 134A being the most used. 134A is very harmful for the ozone layer with a GWP of 1430. By using HFO in our products now, the GWP is lowered to just 7.

All Kontakt Chemie products with HFO carry the low GWP symbol.





FREEZE 75

Reduces repair times to minutes





Thermal interruptions are a very common cause of failure in electronic equipment and are often very hard to pinpoint. Time consuming measurements often take up hours of technicians' time. FREEZE 75 provides an instant solution by cooling down circuitry to -50°C. Intermittent short circuits or interruptions in condensers or resistors are quickly discovered with FREEZE 75.

FEATURES

- Makes it possible to cool individual components through selective treatment
- Non-conducting
- Non-flammable
- Does not affect materials
- No longer necessary to test and measure individual components
- Immediately detects the problem through cold shock

APPLICATIONS

- Check for thermal failures on: integrated circuits, condensers, resistors, capacitors
- Testing of: electronic components, thermostats and thermo sensors, control systems, thermal valves, ignition systems
- · Indispensable in mechanical engineering
- To remove chewing gum from fabrics

CHARACTERISTICS

Density at 20°C 1,12 g/cm³
Appearance colourless
Vapour pressure at 20°C 0,42 bar
Global warming potential 7



				LANGUAGEO
PRODUCT NAME	NR.	REF.	FILL	LANGUAGES ON LABEL
ANTISTATIK 100	1035518	83009-AD	200 ml	EN FR DE NL
ANTISTATIK 100	1035519	83009-AF	200 ml	M22
ANTISTATIK 100	1035521	83032-AA	51	M10
BRUSH SET	PCS	30206-AA	PCS	-
BUTANE REF	1032584	33250-AA	200 ml	M22
CLEANER 601	1035353	72809-AE	200 ml	M22
DEGREASER 65	1030179	11309-AF	200 ml	M22
DEGREASER 65	1030181	11313-AA	400 ml	M22
DRUCKLUFT 360	1032464	33162-DE	200 ml	DE
DRUCKLUFT 360 SUPER	1032521	33187-DE	200 ml	DE
DRUCKLUFT 67	1032495	33170-DE	100 ml	DE
DRUCKLUFT 67	1032471	33163-DE	200 ml	DE
DRUCKLUFT 67	1032482	33167-DE	400 ml	DE
DRUCKLUFT 67 SUPER	1032527	33190-DE	200 ml	DE
DRUCKLUFT 67 SUPER	1032530	33191-DE	400 ml	DE
DUST CLEAN PB	1032651	33299-AA	400 ml	M22
DUST OFF 360	1032463	33162-AA	200 ml	M22
DUST OFF 67	1032470	33163-AB	200 ml	M22
DUST OFF 67	1032481	33167-AA	400 ml	M22
DUST OFF 67 JET	1031694	32692-AA	300 ml	M22
DUST OFF HF	1032476	33165-AA	340 ml	M22
EMI 35	1035445	77509-AD	200 ml	M22
EMI 35	1035447	77527-AA	11	M10
EMI 35 THINNER	1035449	77627-AA	11	M10
Flex Tube	1032831	59991-AB	PCS	-
FLUID 101	1035454	78009-AE	200 ml	M22
FLUX SK10	1035390	74509-AA	200 ml	M22
FLUX SK10	1035392	74513-AA	400 ml	M22
FREEZE 75	1032486	33168-AA	200 ml	M22
FREEZE 75	1032492	33169-AA	400 ml	M22
GRAPHIT 33	1753545	76009-AC	200 ml	EN FR DE NL

PRODUCT NAME	NR.	REF.	FILL	LANGUAGES ON LABEL
GRAPHIT 33	1035411	76009-AG	200 ml	M22
GRAPHIT 33	1035414	76013-AA	400 ml	M22
GRAPHIT 33	1035416	76027-AA	11	M10
GRAPHIT 33	1035418	76034-AA	15 I	M10
HEAT SINK COMPOUND	1031241	32044-AB	20 g	EN FR DE NL
HEAT SINK COMPOUND	1031757	32716-AA	100 g	EN FR DE NL
KÄLTE 75	1032487	33168-CH	200 ml	DE FR
KÄLTE 75	1032493	33169-CH	400 ml	DE FR
KÄLTE 75 SUPER	1032523	33188-AA	200 ml	DE FR
KÄLTE 75 SUPER	1032524	33189-AA	400 ml	DE FR
KONTAFLON 85	1035471	80009-AE	200 ml	M22
KONTAKT 40	1035465	79009-AG	200 ml	M22
KONTAKT 40	1030778	30821-AD	400 ml	M22
KONTAKT 40	1030436	30059-AA	5 I	M10
KONTAKT 60	1034461	70004-AA	100 ml	DE EN
KONTAKT 60	1034466	70009-AA	200 ml	EN FR DE NL
KONTAKT 60	1034467	70009-AH	200 ml	M22
KONTAKT 60	1034471	70013-AA	400 ml	EN FR DE NL
KONTAKT 60	1034472	70013-AG	400 ml	M22
KONTAKT 60	1034474	70032-AA	5 I	M10
KONTAKT 60 PLUS	1035369	73909-AA	200 ml	M22
KONTAKT 61	1032755	33384-AA	100 ml	DE EN
KONTAKT 61	1034479	70509-AH	200 ml	M22
KONTAKT 61	1034482	70513-AA	400 ml	M22
KONTAKT 701	1035746	83509-AA	200 ml	EN FR DE NL
KONTAKT 701	1035747	83509-AG	200 ml	M22
KONTAKT GOLD 2000	1035513	82509-AA	200 ml	M22
KONTAKT IPA	1035437	77109-AA	200 ml	EN FR DE NL
KONTAKT IPA	1035438	77109-AE	200 ml	M22
KONTAKT IPA	1032750	33379-AA	400 ml	M22
KONTAKT IPA	1030175	11274-AA	11	M10

PRODUCT NAME	NR.	REF.	FILL	LANGUAGES ON LABEL
KONTAKT LR	1038452	84009-AA	200 ml	DE FR
KONTAKT LR	1038458	84013-AA	400 ml	DE FR
KONTAKT LS	1030465	30169-DE	500 ml	M22
KONTAKT NB	1032534	33193-AA	200 ml	M22
KONTAKT PCC	1038453	84009-AH	200 ml	M22
KONTAKT PCC	1038459	84013-AF	400 ml	M22
KONTAKT SUPER 10	1032753	33382-AA	200 ml	M22
KONTAKT WL	1034513	71004-AA	100 ml	DE EN
KONTAKT WL	1034614	71009-AA	200 ml	EN FR DE NL
KONTAKT WL	1034615	71009-AH	200 ml	M22
KONTAKT WL	1034773	71013-AA	400 ml	EN FR DE NL
KONTAKT WL	1034774	71013-AF	400 ml	M22
KONTAKT WL	1034776	71032-AA	5 I	M10
LABEL OFF 50	1035486	81004-AB	100 ml	DE EN
LABEL OFF 50	1035494	81009-AM	200 ml	M22
LUB OIL 88	1035459	78509-AF	200 ml	M22
LUB OIL 88	1035461	78527-AA	11	M10
MULTIFOAM 77	1033169	62713-AA	400 ml	M22
PLASTIK 70	1035373	74309-AH	200 ml	M22
PLASTIK 70	1035378	74313-AA	400 ml	EN FR DE NL
PLASTIK 70	1035379	74313-AH	400 ml	M22
PLASTIK 70	1035381	74327-AA	11	M10
PLASTIK 70	1035385	74332-AA	5 I	M10
PLASTIK 70 SUPER	1031249	32046-AA	400 ml	M22
PLASTIK 70 SUPER	1031256	32077-AA	51	M10
POSITIV 20	1035509	82009-AH	200 ml	M22
PRINTER 66	1035362	73009-AE	200 ml	M22
SCREEN 99	1035474	80509-AA	200 ml	M22
SCREEN 99	1035477	80513-AA	400 ml	M22
SCREEN TFT	1035480	80704-AB	100 ml	DE EN
SCREEN TFT	1035485	80715-AI	200 ml	M22

PRODUCT NAME	NR.	REF.	FILL	LANGUAGES ON LABEL
SCREEN WIPES	1031188	31980-AA	100PCS	M20
SILICONE 72	1035367	73509-AE	200 ml	M22
SILICONE ADHESIVE SEALANT	1032764	33393-AA	75 ml	м6
SILICONE GREASE	1032763	33392-AA	50 g	м6
SOLDABSORB 0.9 mm 1.5 M	1032765	33396-AA	1.5 m	-
SOLDABSORB 1.4 mm 1.5 M	1032766	33397-AA	1.5 m	-
SOLDABSORB 2.5 mm 1.5 M	1032767	33398-AA	1.5 m	-
SOLVENT 50	1035493	81009-AC	200 ml	DE FR
SOLVENT 50	1035496	81027-AA	11	M10
SOLVENT 50	1035498	81032-AA	5 I	M10
SOLVENT 50 SUPER	1035478	80609-DE	200 ml	DE FR
SPOTCLEAN	1035440	77187-AA	10 ml	DE EN
SPRAYNOZZLE	1030774	30776-AA	PCS	-
SURFACE 95	1038551	86109-AE	200 ml	M22
THINNER 70	1035387	74427-AA	11	M10
THINNER 70	1031330	32169-AA	5 I	M10
TRANSPARENT 21	1035466	79509-AA	200 ml	M22
TUNER 600	1034780	71809-AG	200 ml	M22
URETHAN 71	1035395	75009-AE	200 ml	M22
URETHAN 71	1035398	75013-AA	400 ml	M22
URETHAN 71	1035402	75027-AA	11	M10
VIDEO 90	1035344	72309-AF	200 ml	M22
VIDEO 90	1035347	72313-AA	400 ml	M22
ZINK 62	1035422	76509-AD	200 ml	M22

CODE	LANGUAGES ON LABEL
М6	EN DE FR NL ES PL
М10	EN DE FR NL PL SK HU RU CS ES
M20	EN DE FR NL PL SK HU RU RO BG CS TR IT LT FI SV DA NO ES PT
M22	EN DE FR NL PL SK HU RU RO BG CS TR IT LT ET LV FI SV DA NO ES PT

