



# CANSUPPLY LTDA

REPRESENTANTES Y DISTRIBUIDORES

Petrochemical & Refining Products

## KOPR-KOTE®



### High-Temp Anti-Seize

10055	1/4 Lb.	Brush Top Can
10002	1/2 Lb.	Brush Top Can
10004	1 Lb.	Brush Top Can
10007	2 Lb.	Brush Top Can
10041	12 Oz.	Aerosol
10050	14 Oz.	Cartridge
10091	1 Gal.	Pail
10092	2 1/2 Gal.	Pail
10093	5 Gal.	Pail
10024	15 Gal.	Drum
10029	50 Gal.	Drum

JET-LUBE's premium anti-seize is comprised of metallic copper flake, graphite, and other extreme-pressure, anti-corrosion, and anti-wear additives. The copper/graphite synergism of KOPR-KOTE makes it ideal for the majority of applications involving high temperatures, stress, and loads. Compatible with most metals and alloys. Not for use on aluminum. Not classified as a marine pollutant - DOT approval CA2004080025.

#### Recommended for:

- Nuts, bolts, and studs
- Fittings, shafts, and machine surfaces
- Fittings on steam turbines, pumps, valves, flanges, extruders, and dies.

Exceeds MIL-PRF-907E • K-Factor: .15 (1" B7 Studs @80,000 psi.) • No VOC • Rated: -65°F to 1800°F (-54°C to 982°C)  
Recommended ASTM Specs\* for Compatibility: A307, A354, A193/A193M, A320/A320M, F468, A563, F467, NSF H2

## SS-30™



### Pure Copper Anti-Seize

12555	1/4 Lb.	Brush Top Can
12502	1/2 Lb.	Brush Top Can
12504	1 Lb.	Brush Top Can
12507	2 Lb.	Plug Top Can
12523	10 Lb.	1 Gal. Pail
12513	25 Lb.	2 1/2 Gal. Pail
12515	50 Lb.	5 Gal Pail
12524	150 Lb.	15 Gal. Drum
12529	500 Lb.	50 Gal. Drum

Pure metallic copper flake homogenized into a highly conductive, nonmelting, nonvolatile viscous carrier. Designed for stainless steel applications in high-temperature environments (above 550°F). Excellent for use on studs and nuts for flange bolt applications. Not for use on aluminum.

#### Recommended for:

- Threaded flanged connections
- Furnaces, hinges, fasteners
- Stainless steel and dissimilar metals
- Manifold stud bolts
- Electrical connections

Exceeds MIL-PRF-907E • K-Factor: .11 • No VOC • Rated: -65°F to 1800°F (-54°C to 982°C)  
Recommended ASTM Specs\* for Compatibility: A307, A354, A193/A193M, A320/A320M, F468, A563, F467

## 550®



### Nonmetallic Anti-Seize

15555	1/4 Lb.	Brush Top Can
15502	1/2 Lb.	Brush Top Can
15504	1 Lb.	Brush Top Can
15507	2 Lb.	Plug Top Can
15523	10 Lb.	1 Gal. Pail
15513	25 Lb.	2 1/2 Gal Pail
15515	50 Lb.	5 Gal Pail
15524	150 Lb.	15 Gal Drum
15529	500 Lb.	50 Gal Drum
15541	12 Oz.	Aerosol

Most versatile of the JET-LUBE anti-seizes. Low coefficient of friction makes 550 a good choice for rough-cut threads made of cast iron, steel, and most alloys. Due to the film strength of molybdenum disulfide, 550 is also well suited for applications involving extreme shearing action such as mold release, press fits, and highly loaded, slow moving bearings. Compatible with stainless steel and other nickel alloys, this formulation is free of lead, copper, and halogens. Contains no free metals.

**Recommended for:** • OEM-specified turbine studs and bolts • Petrochemical plants, heat exchangers, cat crackers • Environments prohibiting the use of copper. • Steel, aluminum, alloys, stainless steel, cast iron, titanium, plastic, copper, brass, and nonferrous nuts and bolts. • Specifically designed for in-plant operations/processes where moisture is present.

Exceeds MIL-PRF-907E • K-Factor: .17 (1" B7 Studs@80,000 psi.) • No VOC • Rated: -65°F to 2400°F (-54°C to 1315°C)  
Recommended ASTM Specs\* for Compatibility: A307, A449, A354, A193/A193M, A320/A320M, F593, A563, A194/A194M, F594, F467, A153, B690, B696

\* The products featured in this catalog are not for use on oxygen service  
Material Safety Data Sheets & product bulletins are available online or through the Customer Service department



# Anti-Seizes

## NUCLEAR Nonmetallic



### Anti-Seize

14902	1/2 Lb.	Brush Top Can
14904	1 Lb.	Brush Top Can

Pure graphite and other solid boundary lubricants blended in a synthetic base grease to ensure that critical contaminants such as sulfur, metals, halogens, and leachable nitrates and nitrides would be held to the lowest practical limits. Formulated for use in Class 1,2,& 3 nonwetted applications found in nuclear power plants, and is also suited in use for fossil fuel plants.

**Recommended for:** Bolts, fittings, other threaded connections, slides, valve stems, gaskets, and other similar applications in nuclear plants. It can also be used in other industries such as pulp and paper, steel mills, etc. where high-purity, nonmetallic anti-seize lubricants are required.

**Rated:** -65°F to 2400°F (-54°C to 1315°C) General Electric specifications D50YP12 & D6Y28A1, Rev. 2; Siemens Westinghouse specification 53701Y3; Appendix A of NEDE-31295P & NAVSEAINST 9210.36B; and 10CFR Chapter 1, Parts 21 - 50, Appendix B; MIL-PRF-907E

## NIKAL®



### Extreme - Temp Anti-Seize

13655	1/4 Lb.	Brush Top Can
13602	1/2 Lb.	Brush Top Can
13604	1 Lb.	Brush Top Can
13623	8 Lb.	1 Gal. Pail
13613	20 Lb.	2.5 Gal. Pail
13615	40 Lb.	5 Gal. Pail
13624	120 Lb.	15 Gal. Pail
13629	400 Lb.	50 Gal. Pail

Graphite-free, pure-nickel anti-seize is for use where extremely high temperatures or reactivity is a concern. NIKAL is nearly inert and should be used whenever ammonia, acetylene and vinyl monomers are present. Also for use where copper or more reactive metals may contaminate catalyst beds. Compatible with most metals and alloys operating at 800°F and above. For stainless steel and other nickel alloy fasteners and fittings operating above 500°F.

**Recommended for:**

- Chemical plants and oil refineries
- Water and sewage plants
- Environments where a "clean", inert lubricant is needed.
- Burner tips
- Heat Exchangers
- B7 Studs
- Pipe Fittings
- Reactor Bolts
- Manifolds
- Manhole Studs

Exceeds MIL-PRF-907E • K-Factor: .15 • No VOC • **Rated:** -65°F to 2600°F (-54°C to 1427°C)  
**Recommended ASTM Specs\* for Compatibility:** A193/A193M, A563, A194/A194M, B633, A153, B696

## NIKAL® Nuclear



### Anti-Seize & Gasket Comp.

13555	1/4 Lb.	Brush Top Can
13502	1/2 Lb.	Brush Top Can
13504	1 Lb.	Brush Top Can

Contains chemically pure nickel flake in an ashless synthetic fluid thickened by a water resistant, complex soap for superior protection against rust and corrosion. Contains a high-carbon synthetic graphite, which provides lower torques upon disassembly in high-temperature service. Serves as a lubricant, cushion, and seal. Will not weld under pressure that leads to seizure and galling.

**Recommended for:**

- Chemical plants and oil refineries
- Water and sewage plants
- Environments where a "clean", inert lubricant is needed.
- Burner tips
- Heat Exchangers
- Studs
- Pipe Fittings
- Reactor Bolts
- Manifolds
- Manhole Studs.

Used extensively in nuclear power generator facilities on land and sea where only CERTIFIED products are allowed.

**Meets • Conforms to MIL-PRF-907E** General Electric and Westinghouse for use with their turbine systems in nuclear applications, and conforms to the requirements of NAVSEAINST 9210.36B. **RATED:** -65°F to 2600°F (-54°C to 1427°C)  
**Recommended ASTM Specs\* for Compatibility:** A193/A193M, A563, A194/A194M, B633, A153, B696

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# Anti-Seizes

## ZINC DUST PETROLATUM



### Anti-Seize Compound

27002	1/2 Lb.	Brush Top Can
27003	1 Lb.	Plug Top

A homogenized blend of colloidal zinc and rust and corrosion inhibitors that offers maximum protection against seizure and heat freeze in aluminum and aluminum alloy connections. Its non-melting, water-resistant bentone base carrier applies easily and adheres readily to aluminum-based surfaces, lowering friction and reducing wrench torque. JET-LUBE's ZINC DUST PETROLATUM is an economical choice for a wide range of automotive and industrial-type connections.

**RATED:** -65°F to 800°F (-54°C to 420° C) Mil Spec CID A-A-59313 National Stock No. 8030-00-292-1102

## GRAPHITE PETROLATUM



### Anti-Seize Compound

27203	500 Gm.	Plug Top
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The intended use of this compound is to prevent seizing during assembly or disassembly of threaded fasteners and fittings at temperatures up to 900°F (482°C). GRAPHITE PETROLATUM is particularly suitable for use in contact with austenitic stainless steels, titanium, nickel and cobalt alloys, and similar corrosion resistant metals and alloys. This product contains graphite, which may promote corrosion of aluminum, ferrous, magnesium and zinc or cadmium alloys or platings and should not be used in contact with these metals.

## MOLY PETROLATUM



### Anti-Seize Compound

26203	1lb.	Plug top
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Prevents seizing during assembly and disassembly of threaded fasteners and fittings at temperatures below 800°F (427°C). An ideal anti-seize and corrosion-protection compound where parts are engaged with similar or dissimilar metals. Contains MoS<sub>2</sub>. For higher temperature applications NUCLEAR NON-METALLIC should be used.

**RATED:** -65°F to 900°F (-54°C to 482°C) MIL-T-5544C  
NATO Stock No. 9150-99-910-0528

**RATED:** -65°F to 800°F (-54°C to 427°C)  
Exceeds MIL-PRF-83483C

## KOPR-NCS-30



### Anti-Seize Compound

16905	500Gm.	Brush Top
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NCS-30 anti-seize compound is a nonmetallic, nonconductive product with extreme-pressure and anti-wear additives. These components are blended in to a high-temp, complex-soap-thickened grease base for superior adhesion and protection against galling and wear. NCS-30 has been developed for high-chrome or nickel alloys, carbon steel, galvanized fasteners, and is a conduit grounding agent. This beige-colored anti-seize is environmentally safe, has no VOC issues, and is safe to use in all industrial MRO applications.

**Recommended for:** • Chemical plants and oil refineries • Water and sewage plants  
• Environments where a "clean", inert lubricant is needed • Burner Tips • Heat Exchangers  
• B7 studs • Pipe Fittings • Reactor Bolts • Manifolds • Manhole Studs. **Recommended for:**  
Used extensively in nuclear power generator facilities on land and sea where only CERTIFIED products are allowed.

**RATED:** -65°F to 2600°F (-54°C to 1317°C)

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# Thread Sealants

## V-2®



### Multipurpose Thread Sealant

35555	1/4 Pt.	Brush Top Can
35502	1/2 Pt.	Brush Top Can
35504	1 Pt.	Brush Top Can
35507	1 Qt.	Brush Top Can
35523	1 Gal.	Pail
35515	5 Gal.	Pail
35524	15 Gal.	Drum
35529	500 Lb.	Drum

V-2 is a soft-setting, nonpetroleum-based thread sealant for use with potable water, liquids, and gases where immediate pressurization is desirable or necessary. V-2 is a water-resistant, nonstaining, low-odor sealant containing PTFE. Brushable V-2 is a nontoxic, environmentally safe, high-performance thread sealant that contains no lead or metals.

Meets: NSF P1 Registered Federal Spec TT-S-1732. U.S. IAPMO File #1282. British Standard 6920: Part 2: 1998 and is UK WFBS listed. CERTIFIED RATINGS BY U.L. OF CANADA: In respect of Fire Hazard, rated less than 10 below Paralin Oil.

**Rated:** -70F to 500F (-57C to 260C) **Recommended for:** Steel, aluminum, brass, copper, iron, polyethylene, reinforced fiberglass, and PVC threaded pipe. Do not use V-2 on ABS or CPVC. For ABS and CPVC, use JET-LUBE® TFW™

## TFW™



### Multipurpose Thread Sealant with PTFE

24055	1/4 Pt.	Brush Top Can
24002	1/2 Pt.	Brush Top Can
24004	1 Pt.	Brush Top Can
24007	1 Qt.	Brush Top Can
24023	1 Gal.	Pail
24015	5 Gal.	Pail
24024	15 Gal.	Drum
24029	50 Gal.	Drum

Nondrying compound containing PTFE that will not harden or crack in the pipe joint and provides for easy assembly and disassembly. For use on steel, aluminum, brass, copper, iron, PVC, CPVC, and ABS. TFW contains no petroleum products, lead, or harmful metals and is safe for use with potable water lines.

**Recommended for:** Threaded pipe carrying Acids • Dilute • Hydraulic Oil • Cutting Oils • Kerosene • Steam Freons • Cautics • Air • Nitrogen • Gases • Inert Gases • Brine • Vegetable Oils • Mineral Oils • Helium • Ammonia • Fatty Acids (liquid) • Heating Oils • CO<sub>2</sub> • Water

**Meets:** Federal Spec. TT-S-1732, U.S. IAPMO File #1282

**Rated:** -35°F to 500°F (-37°C to 260°C)  
**Pressure:** 10,000 psi liquids 2,000 psi gases

## TEMP-TITE



### Thread, Flange and Fitting Sealer

15203	1 Pt.	Plug Top
15207	1 Qt.	Plug Top

A temperature-activated product. Pipe joints and fittings can be disassembled after extended use at high temperatures. This paste form is used for threaded and other machined connections and for rough or scored surfaces. TEMP-TITE is also used as a surface improvement paste where gasket materials have oxidized the gasket finish.

**Meets:** MILS-15204C

**Rated:** -50°F to 950°F (-46°C to 510°C) **Recommended for:** Boilers • Hydraulic systems • Heat Exchangers • Steam Turbines • Pressure Vessels • Pressure LP Gas Lines

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# Thread Sealants

## TF-25™

### Heavy Duty Pipe Sealant with PTFE and Graphite



23502	1/2 lb.	Brush Top Can
23504	1 lb.	Brush Top Can
23507	2 lb.	Plug Top
23523	10 lb.	1 Gal. Pail
23513	25 lb.	2.5 Gal. Pail
23515	50 lb.	5 Gal. Pail

TF-25 is a nonhardening, brushable thread sealant for applications requiring maximum lubricating and sealing performance. TF-25 contains PTFE, graphite, and EP additives, making it ideal for badly worn and damaged threads. Effective on both ferrous and nonferrous metals. TF-25 has a wide variety of applications over extensive temperature and usage ranges. TF-25 is well suited for pipe diameters larger than 3 inches.

**Recommended for:** Threaded pipe carrying Acids • Oils • Fuels • Caustics • Solvents • Petroleum gases • Other Gases • Alkalis • Butane • Propane • Odorants • Refrigerants • Anhydrous ammonia • Corrosive products

**Rated:** -100°F to 600°F (-73°C to 315°C)

## TF-15®

### PTFE Pipe Sealant



23023	1 Gal.	Pail
23012	2 Gal.	Pail
23015	5 Gal.	Pail
23024	15 Gal.	Drum
23029	50 Gal.	Drum

A high-pressure sealant containing PTFE, graphite, and CZ-EX® (JET-LUBE's extreme pressure additive), as well as rust, corrosion, and oxidation inhibitors. Brushable over a wide temperature range. Adheres to all surfaces, resists water washout, and prevents rust/corrosion. Excellent for use on fiberglass casing and tubing by several manufacturers. TF-15 assures tight make up at low torque and allows easy break out without seizing, stripping, or galling. It provides a permanent seal and maintains joint efficiency under vibration, pressure, surge, and temperature fluctuations. It is particularly useful in areas subject to H<sub>2</sub>S, salt water, a wide variety of oils, solvents, gases, acids, alkalis, and steam.

**Rated:** -50°F to 600°F (-46°C to 315°C) Pressures to 10,000 psi

**Recommended for:** API oilfield casing, tubing, line pipe, subsurface production tools, and related accessories.

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## Anti-Seize Compounds

GRAPHITE PETROLATUM	Formulated for maximum protection against seizure and heat freeze in aluminum and aluminum alloy connections.	Mineral Oil Graphite	Black	<ul style="list-style-type: none"> <li>MIL-T-5544C</li> <li>Nato Stock No. 9150-99-910-0528</li> </ul>	-65°F to 900°F (-54°C to 482°C)
KOPR-KOTE® ** ***	Protects metal parts from seizure, galling, rust, corrosion, and heat-freeze during assembly. Excellent for dissimilar metals.	Copper Flake Graphite	Bronze	<ul style="list-style-type: none"> <li>Contains CZ-EX</li> <li>High Film Strength</li> <li>MIL-PRF-907E</li> </ul>	-65°F to 1800°F (-54°C to 982°C)
SS-30™ * ** ***	Provides complete protection for stainless steel and high strength alloys. Recommended for all types of electrical connections. SS above 550°F use #550.	Copper Flake	Copper	<ul style="list-style-type: none"> <li>Pure Copper</li> <li>MIL-PRF-907E</li> </ul>	-65°F to 1800°F (-54°C to 982°C)
MOLY PETROLATUM	Prevents seizing during assembly and disassembly of threaded fasteners and fittings at temperatures below 800°F (427°C). An ideal anti-seize and corrosion protection compound where parts are engaged with similar or dissimilar metals. Contains MoS <sub>2</sub> . For higher temperature applications NUCLEAR NONMETALLIC should be used.	Mineral oil and Molybdenum Disulfide	Black Blue/Black	<ul style="list-style-type: none"> <li>MIL-T-834838C</li> <li>Contains MoS<sub>2</sub></li> </ul>	-65°F to 800°F (-54°C to 427°C)
NCS-30	Nonmetallic, nonconductive, environmentally safe compound with no VOC issues for high chrome or nickel alloy, carbon steel and galvanized fasteners.	Calcium complex	Beige	<ul style="list-style-type: none"> <li>Nonmetallic</li> <li>Nonconductive</li> </ul>	-65°F to 2600°F (-54°C to 1427°C)
NUCLEAR NONMETALLIC	Formulated for use in Class 1, 2, and 3 nonwetted applications found in nuclear power plants and is suited for use in fossil fuel plants (certified test reports available for each container).	Synthetic Paste Graphite	Black	<ul style="list-style-type: none"> <li>GE Spec D50YP12 and DY28A1 Rev.2</li> <li>Siemens Westinghouse spec 53701Y3</li> </ul>	-65°F to 2400°F (-54°C to 1315°C)
NIKAL® ** ***	Extreme temperature applications. May be used in the presence of ammonia, acetylene or vinyl monomers. Acid and chemical resistant.	Nickel	Silver	<ul style="list-style-type: none"> <li>Chemical Resistant</li> <li>MIL-PRF-907E</li> </ul>	-65°F to 2600°F (-54°C to 1427°C)
NIKAL® NUCLEAR * **	Formulated for use in Class 1, 2 and 3 non-wetted applications for auxiliary equipment in nuclear power plants.	Nickel	Silver	<ul style="list-style-type: none"> <li>NAVSEAINST 9210.36B</li> <li>Certified Purity</li> <li>MIL-PRF-907E</li> </ul>	-65°F to 2600°F (-54°C to 1427°C)
550® * **	A general purpose lubricant for use on steel, aluminum and cast iron. Water resistant. NOTE: For stainless steel applications above 550°F (285°C).	Molybdenum Disulfide (MoS <sub>2</sub> ) Graphite	Blue/Grey	<ul style="list-style-type: none"> <li>Contains CZ-EX</li> <li>Metal Free</li> <li>MIL-PRF-907E</li> </ul>	-65°F to 2400°F (-54°C to 1315°C)
ZINC DUST PETROLATUM	Particularly suited for austenitic stainless steels, titanium, nickel, cobalt, and other corrosion resistant metals and alloy connections.	Mineral Oil Zinc Dust	Grey	<ul style="list-style-type: none"> <li>CID A-A-59313</li> <li>(Formerly MIL-T-22361)</li> <li>NSN# 8030-00-292-1102</li> </ul>	-65°F to 800°F (-54°C to 420°C)

## ASTM Specifications For Metallurgical Assays / Compatibility

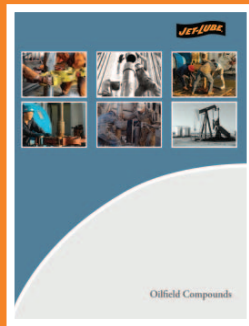
ASTM A307	Carbon steel externally threaded standard fasteners
ASTM A449	Quenched and tempered steel bolts and studs
ASTM A354	Quenched and tempered alloy steel bolts, studs, and other externally threaded fasteners
ASTM A193/A193M	Alloy steel and stainless steel bolting materials for high temperature service
ASTM A320/A320M	Alloy steel and stainless steel bolting materials for high temperature service
ASTM F593	Stainless steel bolts, hex cap screws, and studs for general use
ASTM F468	Nonferrous bolts, hex cap screws, and studs for general use
ASTM A563	Stainless steel bolts, hex cap screws, and studs for general use
ASTM A194/A194M	Carbon and alloy steel nuts for bolts for high pressure and high temperature service
ASTM F594	Stainless steel nuts
ASTM A467	Nonferrous nuts for general use
ASTM B633	Electrodeposited coatings of zinc on iron and steel
ASTM A153	Zinc coating (hot-dip) on iron and steel hardware
ASTM B695	Coatings of zinc mechanically deposited on iron and steel
ASTM B696	Coatings of cadmium mechanically deposited on iron and steel

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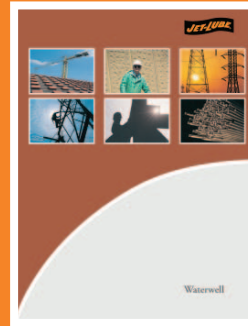
Petrochemical & Refining Products



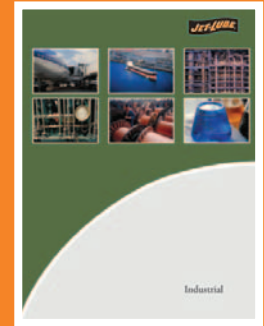
Oilfield Compounds



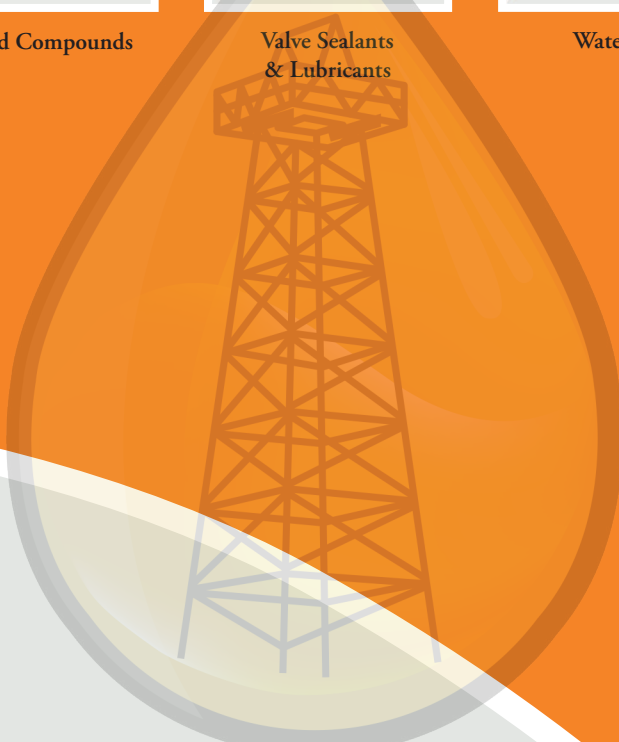
Valve Sealants & Lubricants



Waterwell



Industrial



# CANSUPPLY LTDA

REPRESENTANTES Y DISTRIBUIDORES



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