

Nitto
A E R O S P A C E

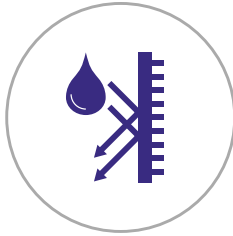
SOLUTIONS THAT **FASTER**
DELIVER PLANES
AND MAKE **EASIER.**
MAINTENANCE



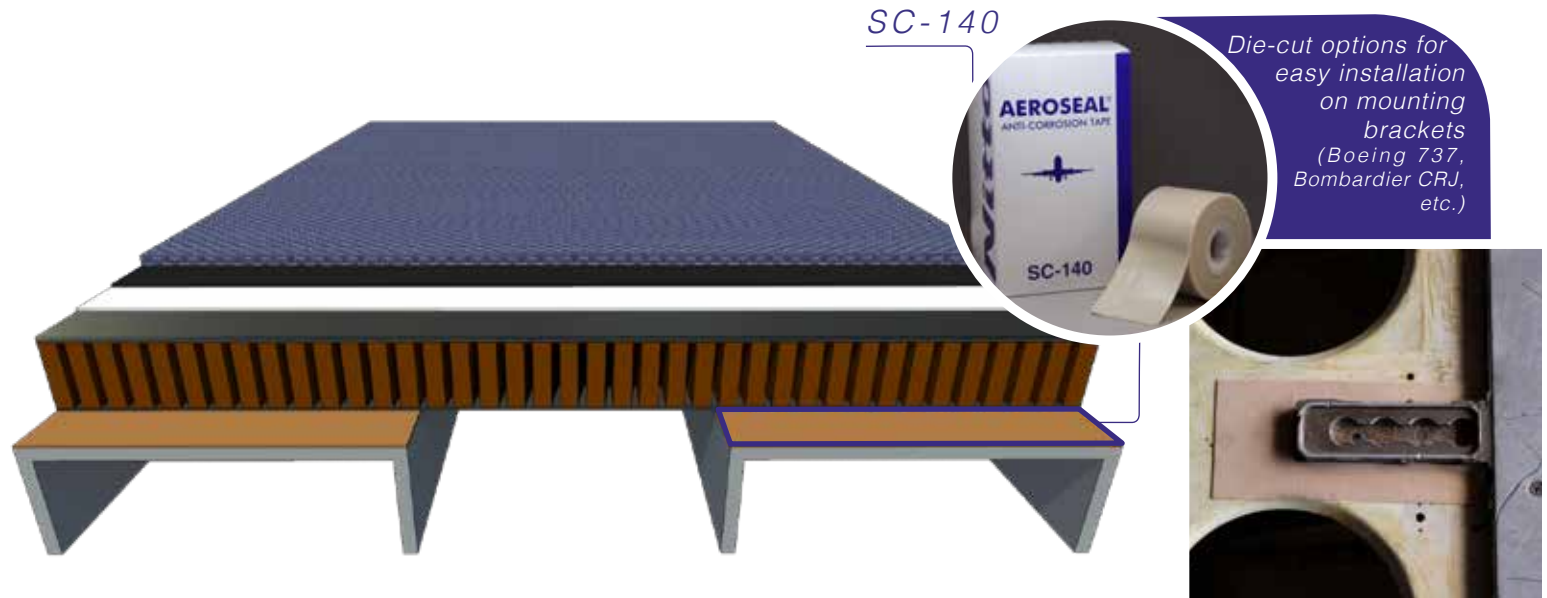
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Nitto is a global company with extensive experience in advanced materials that meet the stringent demands and numerous specifications of the aerospace industry. Working together with our customers, we are continuously supplying and developing solutions to help make aircraft quieter, lighter, safer, greener, and more cost effective. Our multiple OEM qualified manufacturing locations, as well as our technical sales and product development experience, provide us with worldwide recognition for quality and technology.



AEROSEAL[®] ANTI-CORROSION SOLUTIONS



SC-140

Die-cut options for easy installation on mounting brackets (Boeing 737, Bombardier CRJ, etc.)

AC SERIES: ANTI-CORROSION FOR SUPPORT STRUCTURES

PRODUCTS:

SC-140 (Single-Coated)

DC260 (Double-Coated)

Die Cut Options Available*

FEATURES:

- *Lightweight*
- *Easy to apply and reposition (No oozing)*
- *Easy removal (For a faster turnaround on HMV checks)*
- *No corrosion after a 3,000-hour salt spray test*
- *Excellent anti-corrosion properties in a vibration environment*
- *Certified flame retardant*
- *REACH and RoHS compliant*

**Die cut parts available on the following planes: Bombardier CRJ 900/700/200, Boeing 737, Airbus A319/320/A321. Please contact us for additional options.*



MB SERIES: MOISTURE BARRIER FOR FLOOR PANELS

PRODUCTS:

11611-MB

AA116

Thermoform Options*

FEATURES:

- High elongation to conform to fasteners
- Puncture resistance for high traffic areas
- Low water vapor transmission rate to prevent corrosion
- Outstanding flexibility and "Fold & Release" properties for easy application
- Flame retardant as stand-alone and applied to standard floor panel
- Easy removal due to high mass anchorage
- REACH and RoHS compliant
- Resistance to a variety of liquids encountered during normal operations

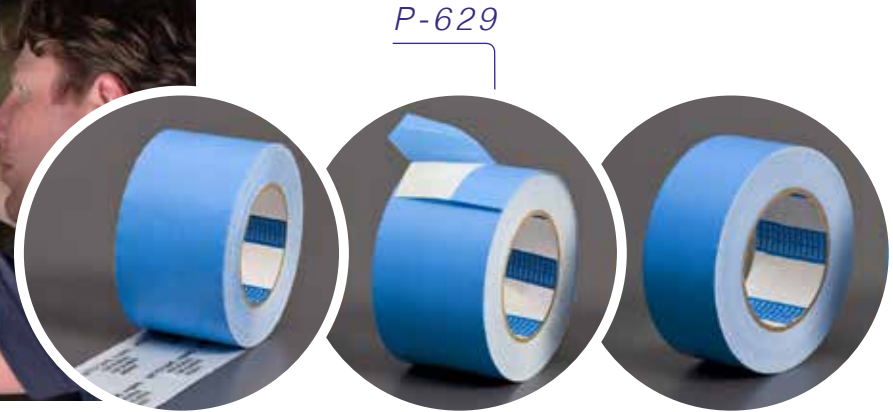
11611-MB

*Thermoform options for parts available for Boeing 737/757/767/777 - Please contact us for addition options.





CARGO LINER



PRODUCTS:

P-629

P-629SL (Split Liner)

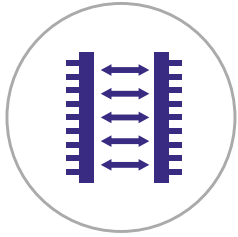
P-629PRL (Printed Liner)

P-629AB

FEATURES:

- Removes cleanly due to high mass anchorage
- Conformable over contoured surfaces such as mechanical fasteners
- Abrasion resistance for high traffic areas
- Formulated to avoid the use of heavy metals for EU and REACH compliance
- Acrylic adhesive bonds well to new and worn Tedlar* (PVF) panels
- Bright white glass cloth blends into cargo liner panels

*TEDLAR IS A REGISTERED TRADEMARK OF E.I. DU PONT DE NEMOURS AND COMPANY CORPORATION



CARPET TAPE

PRODUCTS:

P-51 (Flame Retardant)

P-55/P-55B (Flame Retardant
Available in White and Black)

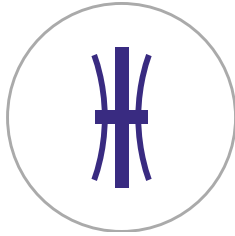
FEATURES:

- Good all-purpose double coated tape
- Can be torn by hand
- Flame retardant
- Good adhesion prevents rolling and gapping caused by food/beverage cart movement and foot traffic
- Minimal residue during removal
- Good adhesion to a variety of surfaces including fiberglass and graphite floor board panels



P-55 available
in white
and black

P-51



WIRE HARNESS

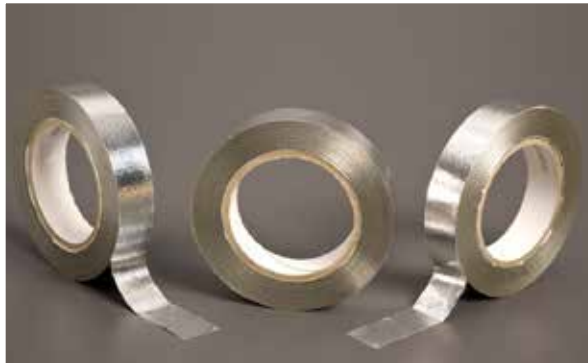
ALUMINUM FOIL/GLASS CLOTH

PRODUCT:

P-100

FEATURES:

- Conformable
- High tensile strength



P-100

VINYL: FOR GENERAL PURPOSE AND COLOR CODING

PRODUCTS:

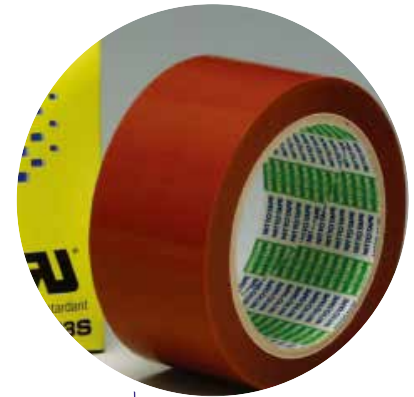
No. 21

No. 223S

EXTRUDED PTFE

PRODUCT:

No. 923S



No. 923S

FEATURES:

- High heat resistance in power source areas
- Excellent dielectric strength
- Chemical resistance

GLASS CLOTH: FOR HEAVY GAUGE WIRES AND ANCHORING

PRODUCTS:

P-212 WHT

P-212HD WHT

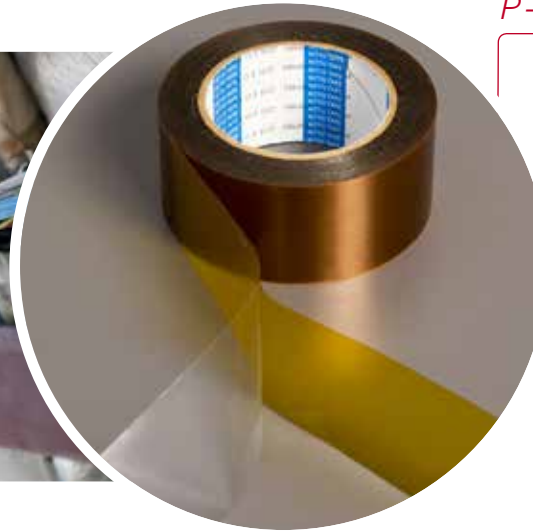
FEATURES:

- Low elongation to support heavy gauge wires
- High tensile strength
- High chemical resistance
- High heat resistance in power source areas
- Minimizes chaffing to wires

KAPTON®: FOR EXTREME TEMPERATURES AND VIBRATION ENVIRONMENTS

PRODUCTS:

P-221 AMB
P-222 AMB
P-223 AMB
P-224 AMB



P-223 AMB

FEATURES:

- Excellent dielectric strength at higher temperatures
- Abrasion resistance in high thermal applications
- Solvent resistance

SKIVED PTFE: FOR MOVEMENT OR VIBRATION APPLICATIONS



PRODUCTS:

P-421 NAT
P-422 NAT
P-423 NAT
P-424 NAT
P-430 NAT

FEATURES:

- High elongation to allow it to stretch and conform
- Abrasion resistance due to low friction
- Chemical resistance

P-422 NAT

*KAPTON IS A REGISTERED TRADEMARK OF E.I. DU PONT DE NEMOURS AND COMPANY CORPORATION.



PAINT MASKING/STRIPPING

PRODUCTS:

Masking:

7288 (Fine Line Washi Paper)

P-306 (Heavy Duty)

P-306L (Interlined Heavy Duty)

P-703 (All-Purpose)

P-790 (Crepe Paper)

JAM11113 (Anodizing Process)

JAM12325 (Shot Peening Process)

Stripping:

P-11 (Solvent Resistant)

P-11L (Solvent Resistant with Liner)

P-100 (High Temperature)

P-12L (Heavy Duty)

FEATURES:

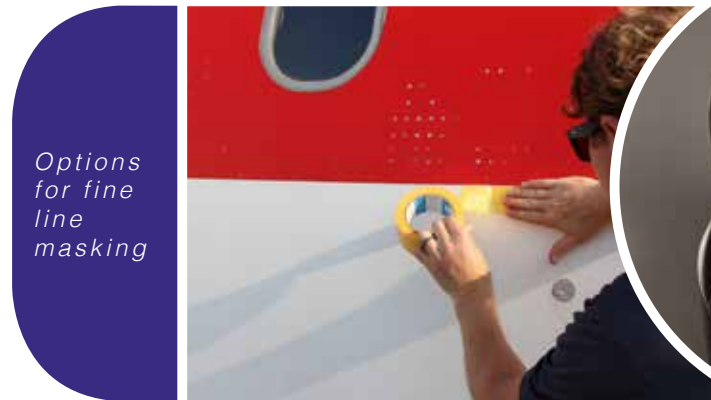
Masking:

- Highly conformable for curved surfaces
- Low residue for easy removal
- Fine line varieties for detailed applications
- Temperature resistant options
- Heavy duty options for media blasting application
- Hand tearable options to improve application speed

Stripping:

- Easy to remove – helps prevent ghosting
- Chemical resistant options
- Easy to apply in most applications
- Can be die-cut
- High temperature options

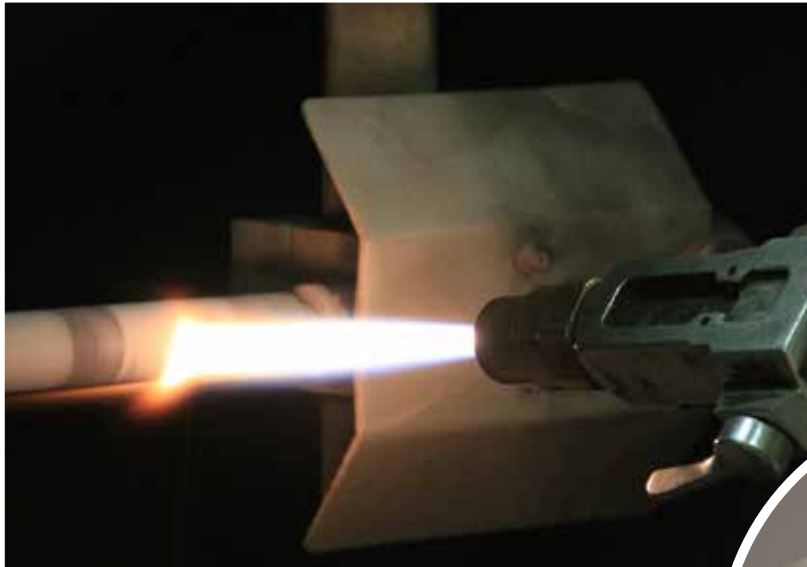
7288



P-306L



THERMAL SPRAY MASKING



FEATURES:

- Excellent conformability for uneven surfaces
- High thermal resistance
- Easy to apply – no liner to remove
- Easy removal

PRODUCTS:

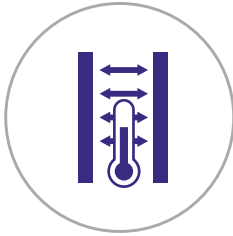
P-100 (Foil Tape for Plasma Spray)

P-212 WHT (7.5 mil Glass Cloth Tape for Plasma Spray)

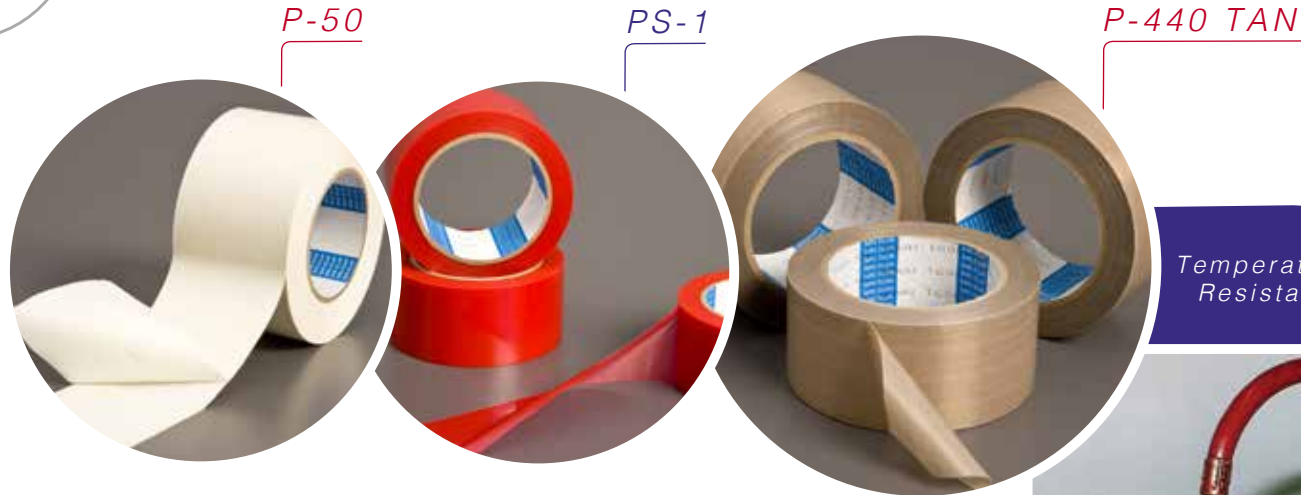
P-212HD WHT (10 mil Glass Cloth Tape for Plasma Spray)



P-100



COMPOSITE BONDING



Temperature
Resistance

PRODUCTS:

Honeycomb Hold Down:

P-50

P-11 (Aluminum Foil Tape)

P-02 (Double Coated)

P-703 (All-Purpose)

No. 923S (Heat and Chemical Resistant)

Flash Masking:

PS-1/PS-2 (Silicone Tape)

P-422 NAT (PTFE Film Tape)

Mold Release:

P-422 NAT (PTFE Film Tape)

P-440 TAN (4 mil PTFE Coated Glass Cloth
Tape)

P-440PL TAN (4 mil PTFE Coated Glass Cloth
Tape with 2 mil PET liner)

FEATURES:

Honeycomb Hold Down:

- High adhesion for secure bonding
- Temperature resistance for baking processes

Flash Masking:

- High temperature resistance
- Easy removal

Mold Release:

- Chemically inert
- Temperature resistance
- Ideal for autoclave applications





SPV® : SURFACE PROTECTION

PRODUCTS:

PE-3415 (Transparent General Purpose)

SPV-202R (Metal Processing)

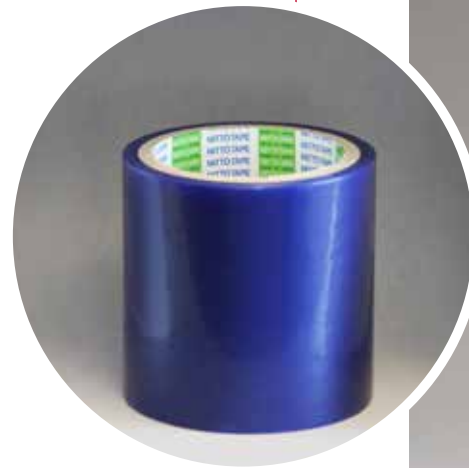
SPV-214R (Stainless Steel)

SPV-224R (Heavy Processing)

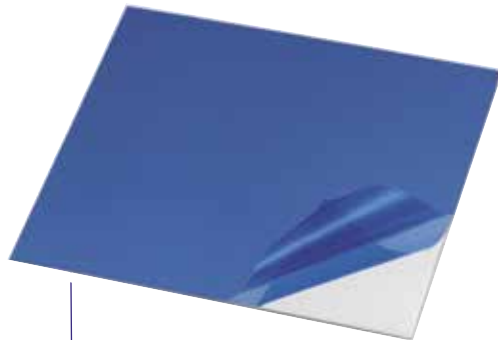
SPV-3648FK2 (Painted Surfaces)

SPV-9320 (Rough Surfaces)

SPV-224R



SPV-3648F



SPV® on Stainless Steel

FEATURES:

- Provides resistance against scratches
- Excellent conformability for curved surfaces
- Options available for a variety of substrates
- UV resistant options for outdoor applications
- Strong cohesion strength and mass anchorage, preventing residue

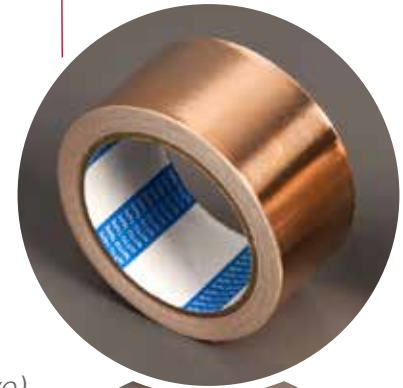


SHIELDING

P-111 AL



P-391 CO



PRODUCTS:

P-100 (Aluminum Foil / Glass Cloth)

P-111 AL (Aluminum Foil with Conductive Adhesive)

P-389 CO (Copper Foil Tape)

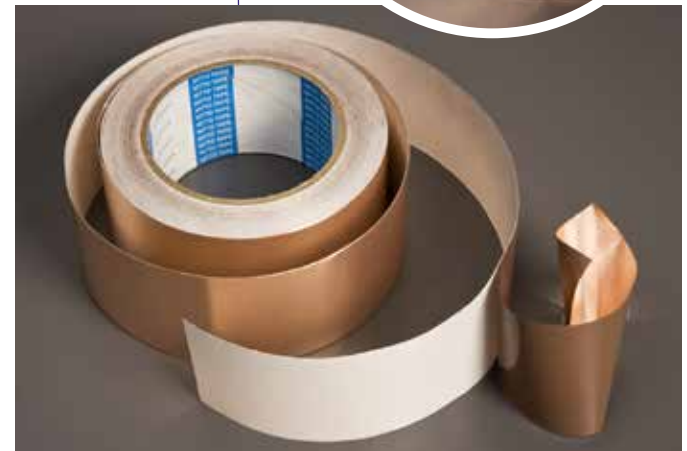
P-391 CO (Copper Foil Tape with Conductive Adhesive)



FEATURES:

- Solvent resistance
- Easy to remove
- High tear and tensile strength with flexibility and conformability
- High temperature resistance

P-389 CO





PIPE THREAD SEALANT



P-412



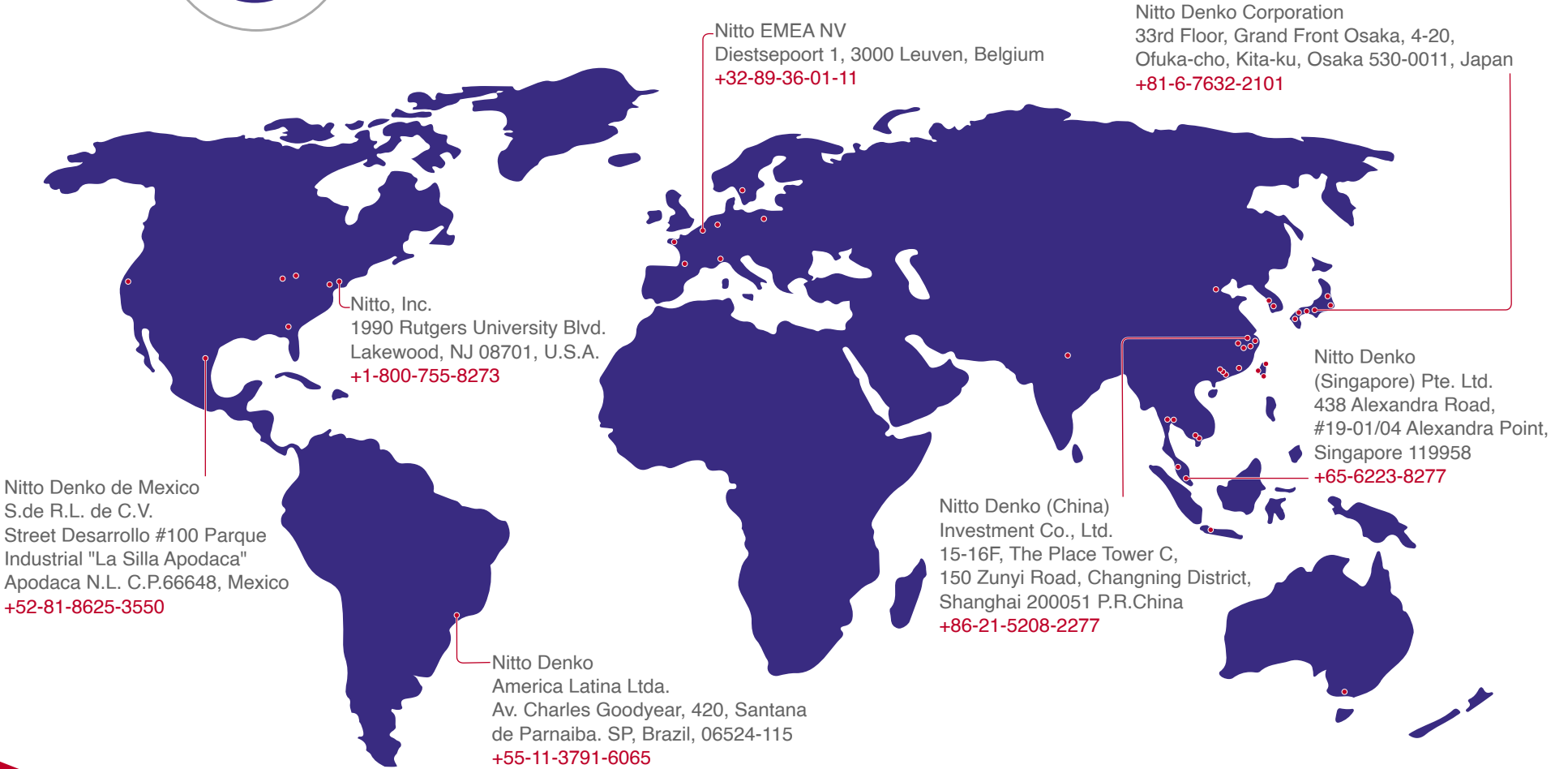
PRODUCT:
P-412

FEATURES:

- Easy to use and safe to handle
- Completely inert to acids, alkalis, and caustics
- Non-hardening and permanently self-lubricating
- Prevents corrosion when threaded fittings of dissimilar metals are jointed
- Effective over a wide temperature range: -65 °F to 300 °F (-54 °C to 149 °C)



LOCATIONS





PRODUCT TECHNICAL SUPPORT

*Product Technical Support can help guide you to the product that fits your needs.
Expect a response to your technical inquiry by the next business day.*

TYPES OF SERVICES:

- *Data Sheets and Brochures*
- *Product Evaluations*
- *Competitor Crossovers*
- *Sample Requests*
- *Product Application Support*
- *Compliance Documents (Reach, RoHS, Conflict Minerals, SDS, etc.)*

CONTACT:
support.us@nitto.com

HOURS:
8:00am - 4:30pm EST

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