

SHUK

ENGINEERING
DISTRIBUTORS LTD



CORROSION PREVENTION

DISTRIBUTOR PRODUCT CATALOGUE

Distributed in New Zealand by Shuk Engineering Distributors Ltd

If it doesn't say DENSO on the outside,
then it's not DENSO on the inside!

"DENSO"



PRODUCTS

regd



Denso's Managing Director's Message



A Heartfelt Thank You to SHUK Engineering, Our Principal Distributor in New Zealand

Dear SHUK Engineering,

On behalf of Denso (New Zealand) Ltd, I want to extend our deepest gratitude to you, our long-serving and invaluable principal distributor. Your unwavering support and loyalty over the years have been instrumental in our success.

Denso Tape, with a remarkable history spanning over 90 years, has played a pivotal role in safeguarding assets as part of our comprehensive four-part system. This system, comprising Denso Multi-Purpose Primer, Denso Profiling Mastic, Denso Tape, and Denso SA PVC Tape, continues to set the industry standard for asset protection.

Distributors like SHUK Engineering, who tirelessly champion Denso on a global scale, are the cornerstone of our company's achievements.

As we move forward, we look forward to continuing our partnership and achieving even greater milestones together.

Thank you for being an integral part of Denso's journey and for helping us become the company we are today.

A handwritten signature in black ink, appearing to read 'Paul Fortune', with a long horizontal line extending to the right.

Paul Fortune,
Managing Director
Denso (Australia) Pty Ltd.



ABOUT SHUK ENGINEERING DISTRIBUTORS LTD...

About Shuk Engineering Distributors.

Shuk Engineering Distributors are the principal distributors in New Zealand for Denso products.

We are recognised as providing unparalleled customer service, partly due to the expertise and knowledge of our people, But also to our wide range of Denso products in stock as well as our service ethic.

We are known for fast delivery with the aim of getting a product out to a customer on the same day as it is ordered.

SHUK has three highly experienced teams at branches in Auckland, New Plymouth & Christchurch.

PIPELINE UNDERGROUND COATINGS P4**Denso™ 4- Step Petrolatum Tape System (70 Degrees)**

Denso Multi-Purpose Primer
Denso™ Profiling Mastic
Denso Tape™
Denso™ PVC SA Overwrap Tape

PIPELINE UNDERGROUND COATINGS P5**Denso™ Petrolatum Tape System (70 Degrees)**

Denso™ Hi-Tack Primer
Denso™ Mastic
Densyl™ Tape
Denso™ PVC SA Overwrap Tape

PIPELINE UNDERGROUND COATINGS P6**Denso Bitumen Product System**

Denso Primer D™
Denso Bitumen Mastic Strip
Densopol 60HT™ Tape
Denso Ultraflex 1500 Tape

PIPELINE UNDERGROUND COATINGS P7**Denso Butyl Tape System™**

Denso Butyl Primer
Denso Butyl Mastic Strip
Denso S43 Inner Wrap/ R23 Outer Wrap
Premier™ Wrapping Machine

PIPELINE UNDERGROUND COATINGS P8
MISCELLANEOUS PRODUCTS

Denso Repair Wrap
Denso Rockmesh
Multi System

EXPOSED SURFACE COATINGS P10**Denso Steelcoat 50™ System**

Denso™ Void Filler Type 1

EXPOSED SURFACE COATINGS P11**Denso Steelcoat 100™ System**

Denso™ Hi-Tack Primer
Denso™ Profiling Mastic
Denso™ Hi-Tack Tape

EXPOSED SURFACE COATINGS P12**Denso Steelcoat 200™ System**

Densoseal 16A™
Denso Hotline™ Tape
Denso SirexTape

EXPOSED SURFACE COATINGS P13**Denso Steelcoat 300™ System**

Densyl KF Colourtape™

EXPOSED SURFACE COATINGS P14**Denso Steelcoat 400™ System**

Denso Primer D™
Denso™ Profiling Mastic
Denso Ultraseal Tape
Denso Acrylic TopCoat

EXPOSED SURFACE COATINGS P15
MISCELLANEOUS PRODUCTS

Denso Alutape™
Denso Single-Pack Elastomeric Membrane
Denso Manhole Sealing Grease

Pipeline Underground Coatings

Denso Petrolatum Product Range

Denso™ 4-Step Petrolatum Tape System (70 degrees)



System Purpose: For long life corrosion protection in diverse environmental conditions - protects structural steel, piping, flanges & valves, weld joints and much more...

Denso Multi-Purpose Primer

Primarily used as a primer prior to the application of Denso Petrolatum Tapes. Denso MP Primer fills surface imperfections and will penetrate existing rust, displace moisture, pacify the surface and aid the adhesion of petrolatum tapes and mastics.

Suitable for preparing, sealing and water proofing of metal surfaces. It is also used as a temporary coating for exposed metal.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOP02.5	2.5 kg Tub	4

Denso Tape™

Corrosion protection, sealing and water proofing of metal above and below ground.

Designed to withstand temperatures up to 55°C. The tape provides long term corrosion protection to pipes, flanges, valves and related surfaces.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOPETT050	50 mm x 10 m Roll	24
DENSOPETT075	75 mm x 10 m Roll	16
DENSOPETT100	100 mm x 10 m Roll	12
DENSOPETT150	150 mm x 10 m Roll	8
DENSOPETT200	200 mm x 10 m Roll	8
DENSOPETT300	300 mm x 10 m Roll	4

Denso™ Profiling Mastic

Lightweight mastic for profiling irregular shaped fittings such as flanged joints and valves prior to subsequent tape wrapping.

Generally used in conjunction with Denso Multi-Purpose Primer and Denso Petrolatum Tapes.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOMSL03.5	3.5 kg Block	4

Denso™ PVC SA Overwrap Tape

For mechanical protection of Denso Petrolatum Tape System in high service temperature environments.

A component of the Denso Petrolatum System, protecting pipelines, joints and fittings above and below ground.

Suitable for creating a moisture barrier in refrigeration units. Designed to withstand temperatures up to 75°C.

Available in Black and Yellow (Product Codes with 'Y')

PRODUCT CODE	SIZE	UNITS PER CARTON
DENS00050	50 mm x 30 m Roll	18
DENS00100	100 mm x 30 m Roll	9
DENS00150	150 mm x 30 m Roll	6
DENS00050Y	50 mm x 30 m Roll	18
DENS00100Y	100 mm x 30 m Roll	9

Denso™ Petrolatum Tape System (70 degrees)



System Purpose: For corrosion protection, sealing and waterproofing of metal above and below the ground. Protection of pipeline joints, fittings, cables and tensioning members. Suitable for use in elevated temperatures.

Denso™ Hi-Tack Primer

The primer is typically used on irregularly shaped surfaces or where additional adhesive qualities are required. Denso Hi-Tack Primer will penetrate existing rust, displace moisture and aid the adhesion of petrolatum tapes.

For use on new, power brushed or abrasive blasted steel work to condition the surface prior to the application of the Denso Hi-Tack Tape.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOHTP05	5 Litre Tin	4

Densyl™ Tape

Corrosion protection, sealing and water proofing of metal above or below the ground. Designed to withstand temperatures up to 70°C.

The tapes provide long term corrosion protection to pipes, flanges, valves and related surfaces.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSYL050	50 mm x 10 m Roll	24
DENSYL100	100 mm x 10 m Roll	12
DENSYL150	150 mm x 10 m Roll	8

Denso™ Mastic

Used for sealing, contour filler for profiling irregular shapes and caulking applications where a protective, waterproof and non-setting mastic is required where elevated temperatures are an issue.

It can be used to contour tank bases and profile irregular surfaces. It is applied prior to the tape application and generally used in conjunction with primer and Denso Petrolatum tapes.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOM	3 kg	6

Denso™ PVC SA Overwrap Tape

For mechanical protection of Denso Petrolatum Tape System in high service temperature environments.

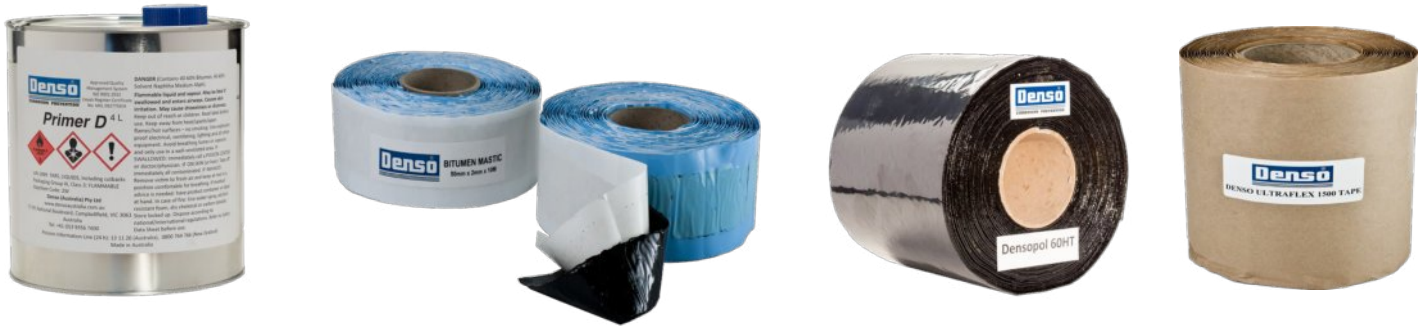
A component of the Denso Petrolatum System, protecting pipelines, joints and fittings above and below ground.

Suitable for creating a moisture barrier in refrigeration units. Designed to withstand temperatures up to 75°C.

Available in Black and Yellow (Product Codes with 'Y')

PRODUCT CODE	SIZE	UNITS PER CARTON
DENS00050	50 mm x 30 m Roll	18
DENS00100	100 mm x 30 m Roll	9
DENS00150	150 mm x 30 m Roll	6
DENS00050Y	50 mm x 30 m Roll	18
DENS00100Y	100 mm x 30 m Roll	9

Denso Bitumen Product System



System Purpose: For the corrosion protection of buried or immersed pipes, weld joints, bends, bare pipe lengths, steel pipelines and external joints on concrete culverts.

Denso Primer D™

Brush or spray applied bitumen-based primer designed to promote adhesion of Densopol Tapes, Ultraflex Tape and Ultraseal Tape as primary wrapping to steel pipelines, concrete surfaces/culverts.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOPRIMD4	4 Litre Tin	2

Densopol 60HT™

A bitumen compound, fabric reinforced, PVC backed tape for the corrosion protection of buried or immersed pipes, fittings and concrete pipe/culverts.

The tape can be applied by hand or machine to weld joints, bends, bare pipe lengths and pipe fittings.

Designed for use in mainly tropical climatic conditions.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOPOL060050	50mm x 10m x 1.5mm Roll	24
DENSOPOL060100	100mm x 10m x 1.5mm Roll	12
DENSOPOL060150	150mm x 10m x 1.5mm Roll	8

Denso Bitumen Mastic Strip

Repair of damaged areas, filling holes or cracks in factory coated pipes, contouring weld beads and cut backs prior to wrapping welded joints, contouring seams on spiral and seam welded pipe, filling and wrapping of bolted connections in junction boxes, sealing exposed electrical cable ends.

A component of Denso Steelcoat and pipeline corrosion protection system for maximum temperatures up to 40°C.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOBITM050	50 mm x 10 m Roll	5
DENSOBITM100	100 mm x 10 m Roll	3

Denso Ultraflex 1500 Tape

A bitumen based adhesive corrosion protection tape designed for pipelines, joints, concrete culverts, welds, bends and fittings.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOHITBL050	50 mm x 10 m x 1.5 mm Roll	20
DENSOHITBL100	100 mm x 10 m x 1.5 mm Roll	12
DENSOHITBL150	150 mm x 10 m x 1.5 mm Roll	8

Denso Butyl Tape System™



System Purpose: The Denso Butyl Tape System is designed for the protection of buried or immersed line pipe, joints, welds, bends, fittings and for repairs to damaged areas in factory coated pipes.

Denso Butyl Primer

A brush, sponge roller or spray applied primer, designed to promote the adhesion of Butyl tapes to new, power brushed or abrasive blasted steel.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOPRIM01	1 Litre Tin	1
DENSOPRIM05	5 Litre Tin	1

Denso S43 Inner Wrap/ R23 Outer Wrap

The system is designed for the protection of line pipe, joints, welds, bends and fittings.

The Denso S43 Tape, which is reinforced with a polyethylene film, provides the corrosion protection to the substrate.

The Denso R23 Tape, which has a polyethylene backing, provides mechanical protection to the system.

Denso S43 Inner Wrap

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOS43050	50 mm x 15 m x 0.75 mm Roll	30
DENSOS43100	100 mm x 15 m x 0.75 mm Roll	15
DENSOS43150	150 mm x 15 m x 0.75 mm Roll	10

Denso R23 Outer Wrap

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOR23050	50 mm x 15 m x 0.75 mm Roll	24
DENSOR23100	100 mm x 15 m x 0.75 mm Roll	12
DENSOR23150	150 mm x 15 m x 0.75 mm Roll	8

Denso Butyl Mastic Strip

A combination filler and tape wrapping to fill holes and cracks in factory coated pipes, contouring weld beads and cut backs prior to wrapping welded joints, contouring seams on spiral and seam welded pipe, filling/wrapping of bolted connections in junction boxes and sealing exposed electrical cable ends.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOBUTM050	50 mm x 10 m x 3.0 mm Roll	8
DENSOBUTM095	95 mm x 10 m x 3.0 mm Roll	4
DENSOBUTM150	150 mm x 10 m x 3.0 mm Roll	2

Premier™ Wrapping Machine

Hand wrapping machines are built to assist in the application of both inner and outer butyl tapes.

Using the wrapping machine allows the applicator to set the correct tension and correct tape overlap required.

PRODUCT CODE	SIZE
DENSOWRAPSM	Small Wrapping Machine, Pipe DN50 - DN250 (Suitable for Tapes up to 100 mm)
DENSOWRAPSTD	Standard Wrapping Machine, Pipe DN250 - DN1400 (Suitable for Tapes up to 150 mm)

Pipeline Underground Coatings Miscellaneous Products

Denso Repair Wrap



Protective fibreglass outer wrap and pipe repair bandage used to repair leaking water, sewage, air and fuel pipes.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSORPR075	75 mm x 3.0 m	12
DENSORPR100	100 mm x 3.0 m	12
DENSORPR1004	100 mm x 4.5 m	12

Denso Rockmesh

Provides mechanical resistance in harsh backfill conditions and marine environments

PRODUCT CODE	SIZE	UNITS PER PALLET
DENSOROCK1.35	1.5m x 30m Roll	9



Multi System



EXPOSED SURFACE COATINGS

Denso Steelcoat 50™ System

System Purpose: Denso™ Void Filler Type 1 is a petrolatum compound specially formulated for hot injection into voids. The compound is based entirely on petroleum hydrocarbons with additives to displace water, inhibit corrosion, enhance adhesion and control flow.



Prestressing strand cable encased in Denso Void Filler



Denso™ Void Filler Type 1

Application Purpose: A blended petrolatum-based compound and additives specifically formulated to repel atmospheric moisture and humidity.

The void filler is pumped into the voids occurring between pipes, cables, ducts and protective sleeves to exclude air and water.

It is generally pumped warm and sets to a semi-solid paste to provide corrosion protection of the steel.

PRODUCT CODE	SIZE
DENSOVOIDF200-01	200 Litre Drum

Denso Steelcoat 100™ System



System Purpose: For high performance corrosion protection of above ground pipe work, fittings and structural steelwork where only limited surface preparation and long-term performance is necessary.

Denso™ Hi-Tack Primer

The primer is typically used on irregularly shaped surfaces or where additional adhesive qualities are required. Denso Hi-Tack Primer will penetrate existing rust, displace moisture and aid the adhesion of petrolatum tapes.

For use on new, power brushed or abrasive blasted steel work to condition the surface prior to the application of the Denso Hi-Tack Tape.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOHTP05	5 Litre Tin	4

Denso™ Profiling Mastic

Lightweight mastic for profiling irregular shaped fittings such as flanged joints and valves prior to subsequent tape wrapping.

Generally used in conjunction with Denso Multi-Purpose Primer and Denso Petrolatum Tapes.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOMSL03.5	3.5 kg Block	4

Denso™ Hi-Tack Tape

For high performance corrosion protection of above ground pipework, fittings, and structural steelwork where only limited surface preparation and long-term performance is necessary.

A specially developed tape where additional adhesion is required.

Adhesion qualities are higher compared to other Denso Petrolatum Tapes.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOHTROLL050	50 mm x 10 m Roll	24
DENSOHTROLL100	100 mm x 10 m Roll	12
DENSOHTROLL150	150 mm x 10 m Roll	8

Denso Steelcoat 200™ System



System Purpose: For use in high temperature applications. Ideal for pipe work above or below ground, underneath pipe insulation or for pipes laid in concrete.

Denso Seal 16A™

A non-setting, self-supporting mastic which may be applied to wet surfaces and is designed to withstand high service temperatures and will seal ducts and conduits against ingress of gas and water.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOSEAL16A	1 kg	8

Denso Hotline™ Tape

Cold applied conformable fabric-based tape for the corrosion protection of pipes operating at elevated temperatures.

Suitable for the protection of copper, iron or steel pipes set in concrete, buried in soil or running in ducts.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOHOTLT050	50 mm x 10 m Roll	24
DENSOHOTLT075	75 mm x 10 m Roll	16
DENSOHOTLT100	100 mm x 10 m Roll	12
DENSOHOTLT150	150 mm x 10 m Roll	8

Denso Sirex Tape

An adhesive coated foil tape designed for UV and mechanical protection of Denso Petroleum Tape System™ in high service temperature environments above ground.

A component of the Denso Petroleum System, protecting pipelines, joints and fittings. Suitable for creating a moisture barrier in refrigeration units.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOSIREX50	50 mm x 50 m x 0.1 mm Roll	20
DENSOSIREX75	75 mm x 50 m x 0.1 mm Roll	12

Denso Steelcoat 300™ System



System Purpose: Naturally grey coloured cold-applied petrolatum-based tape for long-term corrosion protection. Designed specifically to be resistant to the spread of surface flame.

Densyl KF Colourtape™

Densyl KF Colourtape™ is designed to withstand extreme temperature variations and is resistant to surface spread of flame.

The tape provides long term corrosion protection to pipes, flanges, valves and related surfaces. Specially stabilised and pigmented for use above ground where appearance is important. Waterproofing of cables and thermal insulation where fire resistance is important.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOKFCT050	50 mm x 8 m Roll	24
DENSOKFCT100	100 mm x 8 m Roll	12

Denso Steelcoat 400™ System



System Purpose: Protection of above ground steelwork such as steel girders and bridges.

Denso Primer D

Brush or spray applied bitumen-based primer designed to promote adhesion of Denso Tapes, Ultraflex Tape and Ultraseal Tape as primary wrapping to steel pipelines, concrete surfaces/culverts.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOPRIMD4	4 Litre Tin	2

Denso Ultraseal Tape

Tough, durable bituminous compound tape with a non-woven fabric backing used for the protection of aboveground steel work from corrosion.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOUTLAST0100	100 mm x 15 m Roll	10
DENSOUTLAST0225	225 mm x 15 m Roll	4

Denso™ Profiling Mastic

Lightweight mastic for profiling irregular shaped fittings such as flanged joints and valves prior to subsequent tape wrapping.

Generally used in conjunction with Denso Multi-Purpose Primer and Denso Petrolatum Tapes.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOMSL03.5	3.5 kg Block	4

Denso Acrylic TopCoat

Top coat finish to Ultraseal Tape / Ultraseal RT.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOATOPC04G	4 Litre Grey	1

Exposed Surface Coatings Miscellaneous Denso Products

Denso™ Alutape



Water and weatherproofing self-adhesive Aluminium backed flashing tape.

PRODUCT CODE	SIZE	UNITS PER CARTON
Available on request	50 mm x 10 m Roll	20
Available on request	100 mm x 10 m Roll	10
DENSOALU150	150 mm x 10 m Roll	8
Available on request	200 mm x 10 m Roll	4
Available on request	300 mm x 10 m Roll	4
Available on request	450 mm x 10 m Roll	2

Denso Single-Pack Elastomeric Membrane



Applied as a coating, offering good mechanical properties, good chemical and UV resistance.

Waterproofing membrane compatible with metal, concrete, compressed fibrecement sheets or timber surfaces.

Can seal petrolatum tapes in the Denso Steelcoat 100 System and fabric backed bitumen tapes in the Denso Steelcoat 400 System.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOELASTOMERIC	2 Litre Grey	4

Denso Manhole Sealing Grease



A non-freezing sealing, waterproofing grease compound specifically designed to prevent seizure between closure covers and frame lip surfaces.

Material eases the opening and removal of manhole covers.

PRODUCT CODE	SIZE	UNITS PER CARTON
DENSOMANG04	4 kg Tin	4

SHUK ENGINEERING DISTRIBUTORS LTD



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For any product inquiries please contact your closest branch.

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SHUK ENGINEERING DISTRIBUTORS OFFER

FREE

APPLICATION TRAINING AND CERTIFICATION
FOR YOU AND YOUR CUSTOMERS
ON THE DENSO 4-STEP PETROLATUM TAPE SYSTEM™

The enormous wasted cost and serious environmental issues caused by incorrect or incomplete system applications can have a detrimental effect on everyone involved.

It's important to us that our customers and your customers feel confident in our systems. We take pride in training your teams and customers to the highest standard in application methods.

CONTACT YOUR LOCAL REPRESENTATIVE FOR MORE
INFORMATION, OR EMAIL US AT:
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