



# Mine Supply **Premium Abrasion Resistant Lining Rubber**



# Butyline Lining Rubber

**Butyline Lining rubber is a premium grade corrosion resistant 50 Duro rubber lining with a CN bonding layer.**

## FEATURES

Butyline Lining Rubber is made from a premium bromo-butyl rubber compound and will display high temperature and excellent chemical resistance to both acids and alkalis.

Butyline has good physical properties and will display moderate resistance to wet slurry and fine particle sliding abrasion. It has excellent insulating properties as well as low fluid and gas permeability.

Butyline has excellent ozone/UV resistance making it weather resistant and suitable for outdoor use.

Butyline features a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. The CN bonding layer is compatible with a wide range of Neoprene based rubber adhesives and allows for good bond strength to be achieved even in adverse conditions encountered on site.



## TECHNICAL INFORMATION

Polymer	Bromo-butyl	
Colour	Black with CN bonding layer	
Specific Gravity	1.20	ASTM D297
Hardness	50° ± 5° Shore A	ASTM D2240
Tensile Strength	7 MPa (min)	ASTM D412
Elongation @ Break	400% (min)	ASTM D412
Abrasion	200 mm <sup>3</sup> (max) @ 5N	ASTM D5963
Temperature Range	-25°C to +90°C	

## AVAILABLE SIZES

Butyline Lining Rubber comes in a range of standard thicknesses and roll sizes.

PART NO.	SIZE	WEIGHT (PER L/M)
BUTYLINE03	3mm x 1200mm (10 L/M rolls)	5.1 kgs
BUTYLINE04	4mm x 1200mm (10 L/M rolls)	6.7 kgs
BUTYLINE06	6mm x 1200mm (10 L/M rolls)	10 kgs
BUTYLINE10	10mm x 1200mm (10 L/M rolls)	19 kgs



# Mine Supply 38 Lining Rubber

**38 Lining Rubber is a premium grade wear resistant 38 Duro rubber lining with a CN bonding layer.**

## FEATURES

38 Lining Rubber is made from a highly elastic premium natural rubber compound and will display excellent resistance to wet slurry and fine particle sliding abrasion.

38 has excellent physical properties including cut and tear resistance and is extremely flexible. It will also display resistance to some mild chemicals, including acids and alkalis used in mineral processing.

38 features a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. The CN bonding layer is compatible with a wide range of Neoprene based rubber adhesives and allows for good bond strength to be achieved even in adverse conditions encountered on site.



## TECHNICAL INFORMATION

Polymer	NR	
Colour	Pink with CN bonding layer	
Specific Gravity	0.97	ASTM D297
Hardness	38° ± 5° Shore A	ASTM D2240
Tensile Strength	22 MPa (min)	ASTM D412
Elongation @ Break	650% (min)	ASTM D412
Abrasion	80mm <sup>3</sup> (max) @ 5N	ASTM D5963
Temperature Range	-20°C to + 70°C	
Tear Strength	60 N/mm (min)	ASTM D624
Resilience	72% (Min)	ASTM D2632

## AVAILABLE SIZES

We stock the 38 Lining Rubber in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>WEIGHT (PER L/M)</b>
REG3803	3mm x 1500mm (10 L/M Rolls)	5.6 kgs
REG3806	6mm x 1500mm (10 L/M Rolls)	10.1 kgs
REG3810	10mm x 1500mm (10 L/M Rolls)	16.2 kgs
REG38102000	10mm x 2000mm (10 L/M Rolls)	21.6 kgs
REG3812	12mm x 1500mm (10 L/M Rolls)	19.4 kgs
REG3816	16mm x 1500mm (10 L/M Rolls)	25.8 kgs
REG3820	20mm x 1500mm (10 L/M Rolls)	31.7 kgs
REG38202000	20mm x 2000mm (10 L/M Rolls)	42.3 kgs
REG3825	25mm x 1500mm (10 L/M Rolls)	39.6 kgs

# 40 Lining Rubber

**40 Lining Rubber is a premium grade wear resistant 40 Duro rubber lining with a CN bonding layer.**

## FEATURES

40 Lining Rubber is made from a highly elastic premium natural rubber compound and will display excellent resistance to both wet and dry fine particle sliding abrasion. It contains reinforcing fillers which gives it extra resistance to cutting and gouging by sharp particles.

40 has excellent physical properties including cut and tear resistance and is very flexible. It will also display resistance to some mild chemicals, including acids and alkalis used in mineral processing.

40 features a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. The CN bonding layer is compatible with a wide range of Neoprene based rubber adhesives and allows for good bond strength to be achieved even in adverse conditions encountered on site.



## TECHNICAL INFORMATION

Polymer	NR	
Colour	Orange with CN bonding layer	
Specific Gravity	1.08	ASTM D297
Hardness	40° ± 5° Shore A	ASTM D2240
Tensile Strength	20 MPa (min)	ASTM D412
Elongation @ Break	600% (min)	ASTM D412
Abrasion	85mm <sup>3</sup> (max) @ 5N	ASTM D5963
Temperature Range	-20°C to + 70°C	
Tear Strength	45 N/mm (min)	ASTM D624

## AVAILABLE SIZES

We stock 40 Lining Rubber in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>WEIGHT (PER L/M)</b>
REGO4003	3mm x 1500mm (10 L/M Rolls)	6.2 kgs
REGO4006	6mm x 1500mm (10 L/M Rolls)	10.7 kgs
REGO40062000	6mm x 2000mm (10 L/M Rolls)	14.2 kgs
REGO4010	10mm x 1500mm (10 L/M Rolls)	16.5 kgs
REG40102000	10mm x 2000mm (10 L/M Rolls)	22 kgs
REG4012	12mm x 1500mm (10 L/M Rolls)	20.7 kgs
REG40122000	12mm x 2000mm (10 L/M Rolls)	27.6 kgs
REGO4020	20mm x 1500mm (10 L/M Rolls)	33 kgs

# 40 UV Lining Rubber

**40 UV Lining Rubber is a premium grade wear and UV resistant 40 Duro rubber lining with a CN bonding layer.**

## FEATURES

40 UV Lining Rubber is made from a highly elastic premium natural rubber compound and will display excellent resistance to both wet and dry fine particle sliding abrasion. It contains carbon reinforcing fillers which gives it good ozone/UV resistance making it suitable for outdoor use.

40 UV has excellent physical properties including cut and tear resistance and is very flexible. It will also display resistance to some mild chemicals, including acids and alkalis used in mineral processing.

40 UV features a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. The CN bonding layer is compatible with a wide range of Neoprene based rubber adhesives and allows for good bond strength to be achieved even in adverse conditions encountered on site.



## TECHNICAL INFORMATION

Polymer	NR	
Colour	Black with CN bonding layer	
Specific Gravity	1.00	ASTM D297
Hardness	40° ± 5° Shore A	ASTM D2240
Tensile Strength	15 MPa (min)	ASTM D412
Elongation @ Break	550% (min)	ASTM D412
Abrasion	85mm <sup>3</sup> (max) @ 5N	ASTM D5963
Temperature Range	-20°C to + 70°C	
Tear Strength	30 N/mm (min)	ASTM D624



## AVAILABLE SIZES

We stock 40 UV Lining Rubber in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>WEIGHT (PER L/M)</b>
REGB4003	3mm x 1500mm (10 L/M Rolls)	5.6 kgs
REGB4006	6mm x 1500mm (10 L/M Rolls)	10.1 kgs
REGB4010	10mm x 1500mm (10 L/M Rolls)	16.2 kgs
REGB4012	12mm x 1500mm (10 L/M Rolls)	19.4 kgs

# 60 Lining Rubber

**60 Lining Rubber is a premium grade wear and impact resistant 60 Duro rubber lining with a CN bonding layer.**

## FEATURES

60 Lining Rubber is made from a highly elastic premium rubber compound and will display excellent resistance to sliding abrasion and large particle impact.

60 has excellent physical properties including cut and tear resistance. It will also display resistance to some mild chemicals, including acids and alkalis used in mineral processing. It has good ozone/UV resistance making it suitable for outdoor use.

60 features a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. The CN bonding layer is compatible with a wide range of Neoprene based rubber adhesives and allows for good bond strength to be achieved even in adverse conditions encountered on site.



## TECHNICAL INFORMATION

Polymer	NR/BR	
Colour	Black with CN bonding layer	
Specific Gravity	1.10	ASTM D297
Hardness	60° ± 5° Shore A	ASTM D2240
Tensile Strength	17 MPa (min)	ASTM D412
Elongation @ Break	450% (min)	ASTM D412
Abrasion	60mm <sup>3</sup> (max) @ 10N	ASTM D5963
Temperature Range	-20°C to + 70°C	
Tear Strength	80 N/mm (min)	ASTM D624

## AVAILABLE SIZES

We stock 60 Lining Rubber in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>WEIGHT (PER L/M)</b>
REG6003	3mm x 1500mm ( 10 L/M Rolls)	6.2 kgs
REG6006	6mm x 1500mm ( 10 L/M Rolls)	10.7 kgs
REG6010	10mm x 1500mm ( 10 L/M Rolls)	16.5 kgs
REG60102000	10mm x 2000mm ( 10 L/M Rolls)	22 kgs
REG6012	12mm x 1500mm ( 10 L/M Rolls)	20.7 kgs
REG60122000	12mm x 2000mm ( 10 L/M Rolls)	27.6 kgs
REG6016	16mm x 1500mm ( 10 L/M Rolls)	26.4 kgs
REG6020	20mm x 1500mm ( 10 L/M Rolls)	33 kgs
REG60202000	20mm x 2000mm ( 10 L/M Rolls)	44 kgs
REG6025	25mm x 1500mm ( 10 L/M Rolls)	43.2 kgs
REG60501800	50mm x 1800mm ( 10 L/M Rolls)	103.7 kgs

# Food Grade 40 Lining Rubber

**Food Grade 40 Lining Rubber is a wear resistant food grade 40 Duro rubber lining with a buffed back.**

## FEATURES

Food Grade 40 Lining Rubber is made from a highly elastic premium natural rubber compound and will display excellent resistance to abrasion. It is non-toxic and non-marking.

Food Grade 40 has excellent physical properties including cut and tear resistance and is extremely flexible. It is tested and conforms to FDA 21 CFR 177.2600 "Rubber articles intended for repeated use". This makes it suitable for contact with dry, aqueous and fatty foods as defined by the FDA.

Food Grade 40 features a pre-buffed finish on one side to assist with adhesion when bonded to steel or rubber surfaces. It can be bonded using a wide range of Neoprene based rubber adhesives.



## TECHNICAL INFORMATION

Polymer	NR	
Colour	White with buffed back	
Specific Gravity	1.00	ASTM D297
Hardness	40° ± 5° Shore A	ASTM D2240
Tensile Strength	19 MPa (min)	ASTM D412
Elongation @ Break	650% (min)	ASTM D412
Abrasion	80mm <sup>3</sup> (max) @ 5N	ASTM D5963
Temperature Range	-20°C to + 70°C	
Tear Strength	35 N/mm (min)	ASTM D624

## AVAILABLE SIZES

We stock Food Grade 40 Lining Rubber in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

PART NO.	SIZE	WEIGHT (PER L/M)
REGFG4003	3mm x 1200mm (10 L/M Rolls)	4.2 kgs
REGFG4006	6mm x 1200mm (10 L/M Rolls)	8.4 kgs

## STANDARDS

Food Grade 40 conforms with FDA 21 CFR 177.2600.

As stated in FDA CFR 21.177.2600. In accordance with good manufacturing practise finished rubber articles intended for repeated use in contact with food shall be thoroughly cleansed prior to their first use in contact with food.



# R-Line 38 Premium Lining Rubber

**R-Line 38 Lining Rubber is a premium grade wear resistant 38 Duro rubber lining with a buffed back.**

## FEATURES

R-Line 38 Lining Rubber is made from a highly elastic premium natural rubber compound and will display excellent resistance to wet slurry and fine particle sliding abrasion.

R-Line 38 has excellent physical properties including cut and tear resistance and is extremely flexible. It will also display resistance to some mild chemicals, including acids and alkalis used in mineral processing.

R-Line 38 features a pre-buffed finish on one side to assist with adhesion when bonded to steel or rubber surfaces. It can be bonded using a wide range of Neoprene based rubber adhesives.



## TECHNICAL INFORMATION

Polymer	NR	
Colour	Pink with buffed back	
Specific Gravity	0.97	ASTM D297
Hardness	38° ± 5° Shore A	ASTM D2240
Tensile Strength	22 MPa (min)	ASTM D412
Elongation @ Break	750% (min)	ASTM D412
Abrasion	75mm <sup>3</sup> (max) @ 5N	ASTM D5963
Temperature Range	-20°C to + 70°C	
Tear Strength	35 N/mm (min)	ASTM D624

## AVAILABLE SIZES

We stock R-line 38 Premium Lining Rubber in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>WEIGHT (PER L/M)</b>
REGBB3803	3mm x 1200mm (10 L/M Rolls)	3.8 kgs
REGBB38031500	3mm x 1500mm (10 L/M Rolls)	3.8 kgs
REGBB3806	6mm x 1200mm (10 L/M Rolls)	7.5 kgs
REGBB38061500	6mm x 1500mm (10 L/M Rolls)	9.4 kgs
REGBB3810	10mm x 1200mm (10 L/M Rolls)	12.5 kgs
REGBB38101500	10mm x 1500mm (10 L/M Rolls)	15.7 kgs
REGBB3812	12mm x 1200mm (10 L/M Rolls)	14.8 kgs
REGBB38121500	12mm x 1500mm (10 L/M Rolls)	18.5 kgs
REGBB38201500	20mm x 1500mm (10 L/M Rolls)	30.9 kgs

# R-Line 40 Lining Rubber

R-Line 40 Lining Rubber is a wear resistant 40 Duro rubber lining with a buffed back.

## FEATURES

R-Line 40 Lining Rubber is made from a highly elastic natural rubber compound and will display excellent resistance to both wet and dry fine particle sliding abrasion.

R-Line 40 has excellent physical properties including cut and tear resistance and is very flexible. It will also display resistance to some mild chemicals, including acids and alkalis used in mineral processing.

R-Line 40 features a pre-buffed finish on one side to assist with adhesion when bonded to steel or rubber surfaces. It can be bonded using a wide range of Neoprene based rubber adhesives.



## TECHNICAL INFORMATION

Polymer	NR	
Colour	Pink with buffed back	
Specific Gravity	1.05	ASTM D297
Hardness	40° ± 5° Shore A	ASTM D2240
Tensile Strength	17 MPa (min)	ASTM D412
Elongation @ Break	600% (min)	D412
Abrasion	130mm <sup>3</sup> (max) @5N	ASTM D5963
Temperature Range	-20°C to +70°C	
Tear Strength	25 N/mm (min)	ASTM D624



## AVAILABLE SIZES

We stock R-line 40 Lining Rubber in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

<b>PART NO.</b>	<b>SIZE</b>	<b>WEIGHT (PER L/M)</b>
REGBB40031500	3mm x 1500mm (10 L/M Rolls)	5.4 kgs
REGBB40061500	6mm x 1500mm (10 L/M Rolls)	10 kgs
REGBB40101500	10mm x 1500mm (10 L/M Rolls)	15.4 kgs
REGBB40121500	12mm x 1500mm (10 L/M Rolls)	19.6 kgs

# R-Line NBR Lining Rubber

**R-Line NBR Lining Rubber is a premium grade wear resistant Nitrile based rubber lining with a buffed back.**

## FEATURES

R-Line NBR is made from a premium Nitrile rubber compound and will display excellent resistance to oil and petroleum-based products including a range of fuels, greases, solvents and hydraulic fluids. It has low gas permeability and will display good water resistance. It is also resistant to vegetable oils, mineral oils and a range of aliphatic hydrocarbons.

R-Line NBR has excellent physical properties and will display good resistance to abrasion. It will also display good temperature resistance and moderate chemical resistance to some acids and alkalis.

R-Line NBR features a pre-buffed finish on one side to assist with adhesion when bonded to steel or rubber surfaces. It can be bonded using a wide range of Neoprene based rubber adhesives.



## TECHNICAL INFORMATION

Polymer	NBR	
Colour	Orange with buffed back	
Specific Gravity	1.15	ASTM D297
Hardness	55° ± 5° Shore A	ASTM D2240
Tensile Strength	12 MPa (min)	ASTM D412
Elongation @ Break	500% (min)	ASTM D412
Abrasion	150mm <sup>3</sup> (max) @ 10N	ASTM D5963
Temperature Range	-20°C to + 110°C	
Tear Strength	25 N/mm (min)	ASTM D624
Oil Resistance	Volume Swell 72 hrs @ 70°C OIL #1 - 3.2% OIL #2 + 3.5% OIL #3 + 7.5%	ASTM D471

## AVAILABLE SIZES

We stock R-line NRB Lining Rubber in a range of standard thicknesses and roll sizes. It can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

<b>PART NO.</b>	<b>SIZE</b>	<b>WEIGHT (PER L/M)</b>
REGBBN5503	3mm x 1200mm (10 L/M Rolls)	4.2 kgs
REGBBN5506	6mm x 1200mm (10 L/M Rolls)	8.3 kgs

# CR Lining Rubber

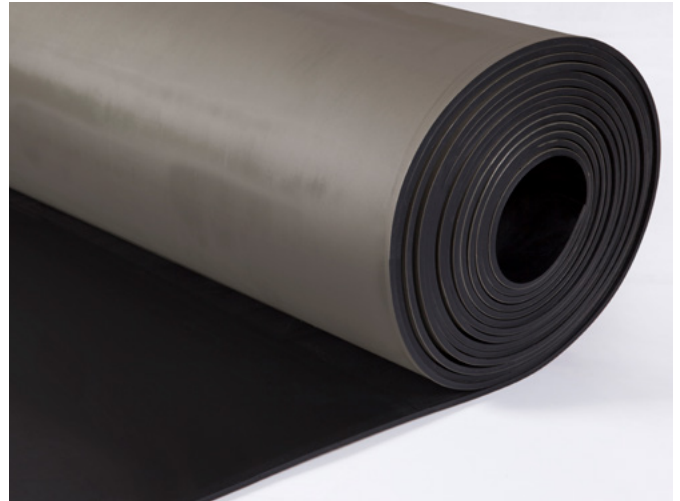
**CR Lining Rubber is a premium grade 60 Duro Neoprene based rubber lining with a CN bonding layer.**

## FEATURES

CR is made from a premium Neoprene rubber compound and will display high temperature and flame resistance. It has excellent ozone/UV resistance making it weather resistant and suitable for prolonged outdoor use.

CR has excellent physical properties and will display good resistance to wet slurry and fine particle sliding abrasion. It exhibits good resistance to oil and petroleum-based products including a range of fuels, greases, solvents and hydraulic fluids. It will also display moderate chemical resistance to acids and alkalis.

CR features a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. The CN bonding layer is compatible with a wide range of Neoprene based rubber adhesives and allows for good bond strength to be achieved even in adverse conditions encountered on site.



## TECHNICAL INFORMATION

Polymer	CR	
Colour	Black with CN bonding layer	
Specific Gravity	1.44	ASTM D297
Hardness	60° ± 5° Shore A	ASTM D2240
Tensile Strength	13 MPa (min)	ASTM D412
Elongation @ Break	450% (min)	ASTM D412
Abrasion	200mm <sup>3</sup> (max) @ 10N	ASTM D5963
Temperature Range	-25°C to + 90°C	

## AVAILABLE SIZES

CR is custom manufactured to order. It can be supplied in thicknesses from 3mm – 50mm and in roll widths up to 2000mm wide. Lead times and minimum order quantities apply to this product.

# Mill Backing Lining Rubber

**Mill Backing Lining Rubber is a superior grade wear resistant 60 Duro rubber lining with a buffed back.**

## FEATURES

Mill Backing Lining Rubber is made from a premium rubber compound and will display moderate resistance to sliding abrasion and impact.

Mill Backing has good physical properties including cut and tear resistance. It will also display resistance to some mild chemicals, including acids and alkalis used in mineral processing. It has good ozone/UV resistance making it suitable for outdoor use.

Mill Backing features a pre-buffed finish on one side to assist with adhesion when bonded to steel or rubber surfaces. It can be bonded using a wide range of Neoprene based rubber adhesives.



## TECHNICAL INFORMATION

Polymer	NR/BR	
Colour	Black	
Specific Gravity	1.25	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Tensile Strength	10 MPa (min)	ASTM D412
Elongation @ Break	300% (min)	ASTM D412
Abrasion	180mm <sup>3</sup> (max) @ 10N	ASTM D5963
Temperature Range	-20°C to + 70°C	
Tear Strength	30 N/mm (min)	ASTM D624

## AVAILABLE SIZES

Mill Backing Lining Rubber can also be supplied in cut lengths, strips, pads and a wide variety of custom cut shapes and gaskets to suit your application requirements.

PART NO.	DESCRIPTION	WEIGHT (PER L/M)
MB061200	6mm x 1200mm (10 L/M Rolls)	9.7 kgs

# NBR Lining Rubber

**NBR Lining Rubber is a premium grade oil resistant 65 Duro Nitrile based rubber lining with a CN bonding layer.**

## FEATURES

NBR is made from a premium Nitrile rubber compound and will display excellent resistance to oil and petroleum-based products including a range of fuels, greases, solvents and hydraulic fluids. It has low gas permeability and will display good water resistance. It is also resistant to mineral oils and a range of aliphatic hydrocarbons.

NBR has excellent physical properties and will display good resistance to wet slurry and fine particle sliding abrasion. It will also display good temperature resistance and moderate chemical resistance to some acids and alkalis.

NBR features a specially formulated Neoprene based CN bonding layer to achieve ultimate adhesion when bonded to steel or rubber surfaces. The CN bonding layer is compatible with a wide range of Neoprene based rubber adhesives and allows for good bond strength to be achieved even in adverse conditions encountered on site.



## TECHNICAL INFORMATION

Polymer	NBR	
Colour	Black with CN bonding layer	
Specific Gravity	1.25	ASTM D297
Hardness	65° ± 5° Shore A	ASTM D2240
Tensile Strength	15 MPa (min)	ASTM D412
Elongation @ Break	600% (min)	ASTM D412
Abrasion	200 mm <sup>3</sup> (max) @ 10N	ASTM D5963
Temperature Range	-25°C to +90°C	
Tear Strength	30 N/mm (min)	ASTM D624
Volume Swell @ 27°C x 72 Hrs	Diesel + 3.4%	ASTM D471

## AVAILABLE SIZES

NBR is custom manufactured to order. It can be supplied in thicknesses from 3mm – 50mm and in roll widths up to 2000mm wide. Lead times and minimum order quantities apply to this product.

For inquiries, please contact us at:

**[support@minesupplyint.com](mailto:support@minesupplyint.com)**

