



VAGCUM & HYDROVAC TRUCKS



GAS DETECTION

VALVES

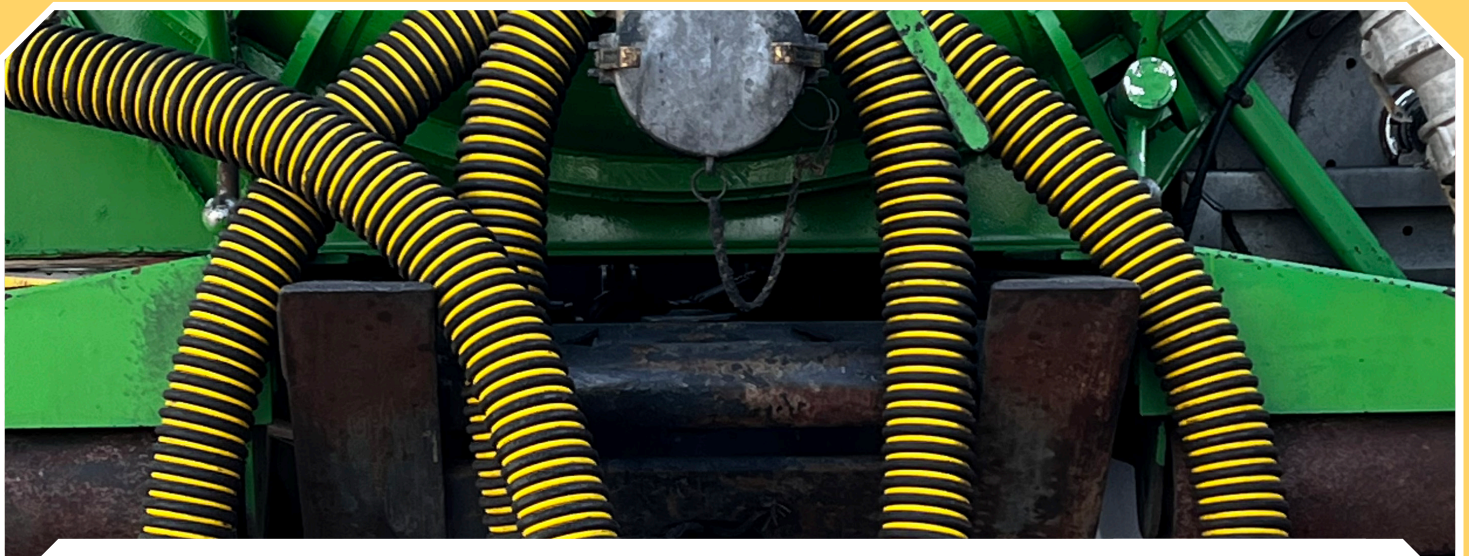
INSTRUMENTATION

FLUID SEALING

HOSE

FITTINGS





780AA Bulk Material Suction & Delivery PVC Hose

Bulk material suction and low-pressure delivery hose designed for gravity feed.

Features

- Specially designed for gravel, cement, and iron ore transfer

Reinforcement: Black shock resistant thermoplastic elastomer

Tube: Black anti-static synthetic elastomer

Vacuum Rating: 100%

Safety Factor: 4:1

Temperature Range: -15°C to +60°C

Max Coil Length: 20/30m*

ALFAGOMMA



Nominal Size	Outside Diameter	Bend Radius	Weight	Max. Working Pressure	Code
mm	mm	mm	kg/m	psi	
51	61	120	0.86	30	454684
76	90	240	1.39	15	454685
102	119	320	2.56	15	454686
127	146	480	3.32	15	454687
152	175	720	4.89	15	454688

*Max coil length may vary.

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Yellow Tail Heavy Duty Suction & Discharge Hose

PVC/rubber suction and discharge hose suitable for vacuum trucks for extraction of liquid waste, abrasive slurries, and light chemical.

Features

- Lightweight with high flexibility
- High abrasion resistance with smooth bore to reduce friction
- Close pitch rigid helix provides excellent flexibility and external hose protection

Reinforcement: Yellow raised rigid PVC helix

Tube: Black PVC/rubber blend

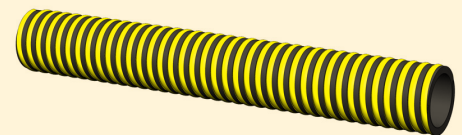
Cover: Black PVC/rubber blend

Temperature Range: -5°C to +60°C

Max Coil Length: 20m



The Right Connection®



Nominal Size	Outside Diameter	Bend Radius	Weight	Max. Working Pressure	Code
mm	mm	mm	kg/m	psi	
50	63.5	350	1.1	73	466257
76	93.5	400	1.8	58	466259
102	118	600	2.9	43	466260

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TECHNICAL SOLUTIONS



267BE Slurry PVC Suction & Delivery Hose

Medium duty PVC water suction and delivery hose, ideal for water, salt water, light chemicals, liquids etc. in construction, sewer purging, sludge, slurries, water matter, sand and gravel. Specially designed for slurry tankers.

Features

- Special construction for slurry tankers
- Super elastic with good flexibility at low temperatures
- Phthalate and BPA free

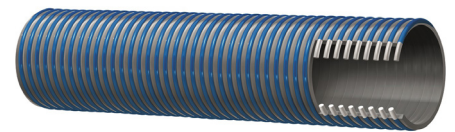
Reinforcement: White shock resistant rigid PVC

Tube: Abrasion and ozone resistant grey PVC with helical blue stripe

Vacuum Rating: -90%

Temperature Range: -20°C to +60°C

ALFAGOMMA



Nominal Bore	Outside Diameter	Bend Radius	Weight	Max. Working Pressure	Max. Coil Length	Code
mm	mm	mm	kg/m	psi	m	
51	60	204	1	75	50	465593
76	87.6	304	1.75	75	50	465594
102	116	408	2.7	60	30	465595
127	142.2	508	3.8	60	20	465596
152	169	608	4.85	45	20	465597

NIBLAK Black Medium Duty Petroleum & Oil Suction Hose

Medium duty chemical suction and open ended low pressure discharge hose suitable for collection of waste, pumping the contents of grease pits, sewage, fuels, lubricants, and most common chemicals.

Features

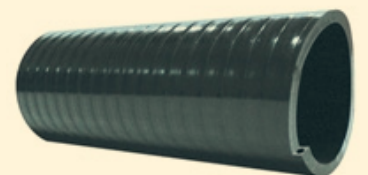
- Extremely flexible and lightweight
- Suitable for suction and open ended low pressure discharge only

Construction: Black nitrile and PVC

Temperature Range: -20°C to +60°C

Max Coil Length: 20m

SOUTHERN HOSE LTD
"THE AUSTRALIAN MADE HOSE SPECIALISTS" ABN: 56 811 192 161



Nominal Bore	Outside Diameter	Bend Radius	Vacuum Rating	Max Open End Discharge Pressure	Code
mm	mm	mm	kPa % (@20°C)	psi (@20°C)	
20	25	110	-80	90	05640760
25	32	120	-80	90	05640777
32	39	150	-80	90	05640794
38	46	200	-80	80	05640811
51	60	300	-80	65	05640828
63	74	400	-80	60	05640845
76	89	450	-80	60	05640862
102	116	600	-70	55	05640879





HYDROVATOR™

A rugged yet lightweight hose designed exclusively for Hydrovac operations combining the best in lightweight design and durability. Proprietary rubber tube handles the toughest Hydro Excavation jobs. The unique corrugated cover provides superior flexibility in all applications. All sizes are rated for full vacuum.



Reinforcement: Double helix spiral steel wire with plies of synth
Tube: Black natural rubber with a Chemituf® liner

Cover: Black SBR with a heavy corrugated profile
Vacuum HG: 737mm
Temperature Range: -32°C to +82°C



Size Availability: 6" to 10" built to length on order, lead time applies

Nominal Size	Inside Diameter	Outside Diameter	Bend Radius	Weight
inch	mm	mm	mm	kg/m
6	152.4	175.4	305	11.96
8	203.2	226.4	406	14.88
10	254	278.5	508	20.02

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Spiraflex Mulch Blower Hose

Heavy-duty mulch-blowing hose suitable for dry conveying of mulch and other materials where abrasion is present and service conditions are moderate.



Features

- Excellent for low-pressure blowing applications
- Provides visible, unrestricted material applications in a buildup and hose balance
- Flexible and durable



Reinforcement: Black rigid PVC helix
Tube: Clear, high molecular weight, abrasion-resistant PVC

Safety Factor: 3:1
Temperature Range: -18°C to +70°C
Max Coil Length: 30.48m

Nominal Size	Outside Diameter	Bend Radius	Vacuum HG	Weight	Max. Working Pressure	Code
mm	mm	mm	mm	kg/m	psi	
127	142.4	228.6	737	150	15	00998128

CONTACT OUR TEAM OF SPECIALISTS ABOUT YOUR SPECIFIC HOSE REQUIREMENTS, INCLUDING OUR NATIONWIDE ON-SITE HOSE TESTING SERVICE.

technicalsolutions@nzsafetyblackwoods.co.nz



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NZ Safety Blackwoods

TECHNICAL SOLUTIONS



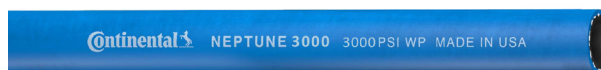
Neptune 3000 Pressure Wash Hose

Designed for use on pressure washer/water blasting machines with working pressures up to 3,000psi.



Features

- Cover provides medium oil resistance



Reinforcement: 1 Steel wire braid
Tube: Nitrile synthetic rubber
Cover: Blue oil-resistant synthetic rubber, RMA Class B

Max Working Pressure: 3000psi
Temperature Range: -29°C to +121°C
Max Coil Length: 152.4m

Nominal Size	Outside Diameter	Weight	Code	Code	Code	Code	Code
mm	mm	kg/m	Hose, per Metre	Hose Assembly 5m with 3/8" BSP Fittings*	Hose Assembly 10m with 3/8" BSP Fittings*	Hose Assembly 20m with 3/8" BSP Fittings*	Hose Assembly 30m with 3/8" BSP Fittings*
10	17.5	0.36	05243963	466277	466278	466279	466280
13	20.8	0.48	05244065	-	-	-	-

*3/8" BSP(F) x 3/8" BSP(M)

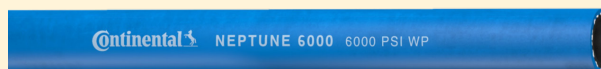
Neptune 6000 Pressure Wash Hose

Designed for use on pressure washer/water blasting machines with working pressures up to 6,000psi.



Features

- Cover provides medium oil resistance



Reinforcement: 2 Braided steel wires
Tube: Nitrile synthetic rubber
Cover: Blue oil-resistant synthetic rubber, ARPM Class B

Max Working Pressure: 6000psi
Temperature Range: -29°C to +121°C
Max Coil Length: 140m

Nominal Size	Outside Diameter	Weight	Code	Code	Code
mm	mm	kg/m	Hose, per Metre	Hose Assembly 10m with 3/8" BSP Fittings*	Hose Assembly 20m with 3/8" BSP Fittings*
10	17.5	0.45	466283	466281	466282

*3/8" BSP(F) x 3/8" BSP(M)



Stainless Steel Strapping Bands, Buckles and Clips

A two-part system requiring stainless steel strapping and buckles this system is used for securing and sealing hose in hose assemblies to create strong, leak resistant connections.

Features

- Easily installed using MCC screw action tool
- Band totes provide excellent weather resistance
- Suitable for industrial, agricultural, food and beverage, irrigation, chemical and mining applications

Available Band Width Range:
6.4 to 31.8mm



Hose Clamps

Hose clamps are a common fastener used in a wide variety of applications including general purpose and industrial to secure fittings to hose or pipes.

Features

- Easily adjusted to allow for precise tightening and a secure hold
- Evenly distributed clamping force helps prevent damage and deformation
- Prevents leaks and provides a secure connection

Available Clamp Variations

Centre Punch, Crimp, Preformed, Spiral, T-Bolt, Worm Drive

Available Finishes:

Steel, Stainless Steel, Zinc Plated



Stainless Steel Pressure Gauges

Stainless steel pressure gauges are durable and corrosion resistant, they are ideally suited for most industrial applications where a high degree of accuracy is required.

Ambient Temperature Range:

-25°C to +65°C

Stem Mount Entry Options:

Bottom and Rear

Available Case Diameters:

63 and 100mm

Connection Sizes:

1/4" BSP (63mm Case) and 3/8" BSPT (100mm Case)



Ball Valves

Ball valves are designed for controlling the flow of fluids in a wide range of applications including general, industrial, gas and chemical applications. NZ Safety Blackwoods carries a wide range of brass, PVC and stainless steel ball valves including mini and 3-way ball valves from industry leading brands such as Modentic and RuB.

Need A Custom Actuated Ball Valve?

With over 30 years' experience in flow control our Technical Solutions team has the knowledge and expertise to help specify and assemble a customer actuated valve to suit your requirements



Contact: 0800 832 732 technicalolutions@nz safetyblackwoods.co.nz



Travis Coupling

Travis couplings are an ideal solution for vacuum and irrigation applications that require quick and easy connections as well as a long service life.

Features

- Ideal for use in the hydro excavation and waste transfer industries

Available Components: Male Hose End, Female Hose End, Clamp, Complete Set, Male Seal, Female Seal

Nominal Size Range (Metric):

102 to 152mm

Nominal Size Range (Imperial):

4 to 6"

Coupling Material:

Plated Steel



Bauer Type B Couplings

Bauer type couplings can be quickly and easily assembled with three manual movements providing a leak proof connection in both suction and pressure applications.

Features

- Spherical construction ensures an efficient seal at angular deviations of up to 30 degrees
- Maintains maximum flow at bending angles of up to 30 degrees
- Ideal for use in the construction, industrial, mining, irrigation and farming industries

Available End Connections: Hosetail, Flange Table E, BSP Thread, Strainer

Available Jointers: 45 Degree Elbow, 90 Degree Elbow, Y-Joint, T-Joint

Nominal Size Range (Metric):

51 to 203mm

Nominal Size Range (Imperial):

2 to 8"

Coupling Material:

Zinc Plated Steel



Camlock Fittings

Camlock fittings are used for quick, easy and leak proof connections of hose, pipe and tubing that are connected and disconnected on a regular basis.

Features

- Ideal for the transfer of liquid or dry bulk products except for liquid gas or steam
- Suitable for most industries that use liquids, powders and gases

Available Camlock Types: A, B, C, D, E, F, DC, DP, AA

Nominal Size Range (Metric):

19 to 152mm

Nominal Size Range (Imperial):

¾ to 6"

Available Finishes:

Aluminium, Polypropylene, Stainless Steel Grade 316



NZ SAFETY BLACKWOODS INDUSTRIAL HOSE & FITTINGS PRODUCT RANGE

HOSES

PVC, RUBBER AND COMPOSITE HOSE

- Air Hoses
- Chemical Hoses
- Food & Beverage Hoses
- Gas, Petroleum & Fuel Hoses
- Ducting
- Composite

HOSE REELS

- Manual & Automatic Rewind
- Bare Hose Reels

PNEUMATICS

- Pneumatic Tube & Air Pipe
- Pneumatic Push-In
- Pneumatic Quick Couplings
- Pneumatic Accessories

FITTINGS

- Camlocks
- Bauer
- Travis
- Hose Tails
- Couplings
- Clamps
- Brass Threaded
- Galvanised Threaded
- Stainless Steel Threaded
- Polypropylene/Nylon
- Guns & Nozzles

VALVES

- Ball Valves
- Butterfly Valves
- Gate Valves
- Check Valves
- Diaphragm Valves
- Solenoid Valves

INSTRUMENTATION

- Gauges
- Flow meters
- Level indicators
- Actuators

RUBBER

- Insertion Rubber
- Rubber Sheet
- Matting

ACCESSORIES & CONSUMABLES

- Thread Tapes, Adhesives, Pastes & Sealants
- Gaskets & O-rings
- Pipe Repair
- Hose Protectors
- Hose Safety Restraints

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Technical Solutions Team

Contact our team of specialists about your specific technical requirements and ask us about our nationwide onsite service.



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