

PRODUCT CATALOGUE

VERSION 2



Industrial Hose. Fittings & Rubber Specialists



CHEMICAL RESISTANCE
> *General Tables*

powellindustrial.com.au

Best Service. Best Value. Best Advice.

In focusing on our customer base, we've:

Based on our in house intellectual property and know how, from more than thirty years in the Industrial Hose and Fittings and Rubber business, increased our range of trade dedicated products.

More convenient trade opening hours. Monday to Friday – check with your local branch.

Further developed our HMP (Hose Management Program) including our PRS (Powell Rapid Service) for emergency Hose testing and replacement requirements.

Increased branch locations for better, more convenient service.

COMING SOON – New Website featuring customer login and online ordering facility for your favourite products.

Powell Industrial, formerly known as Tony Powell Hose and Fittings, was established over thirty years ago and is now Australia's largest family owned Industrial Hose, Fittings and Rubber products supplier.

Our businesses key focus is:

- Industrial Trade customer base who requires supplier expertise in the Industrial Hose, Fittings and Rubber market
- Trained knowledgeable staff
- Great team culture dedicated to genuine customer service
- Best Service. Best Value. Best Advice.

This, our latest trade catalogue, has an increased range of trade relevant information, including our exclusive 'Hose Management Program', easy reference conversion and chemical compatibility charts and more products exclusive to Powell Industrial.

Since our last catalogue was produced, Powell Industrial has gone through a number of major changes. We've acquired two major Hose, Fittings and Rubber retailers, **Fluid Handling Solution (FHS)** and **Purple Pig**. These additions have built us into a nationwide operation, now totalling twelve branches around Australia. Together, these three companies and their long associated histories in the industrial goods market, encompass well over fifty years of experience. Each company has played a major role in shaping today's Hose, Fittings and Rubber market and now all under the Powell Industrial banner offer Australia a strong and experienced brand for customers to engage with.

It's also aided in us establishing a larger and more specialised product range, which is highlighted in this new catalogue. Many of your favourite and most trusted brands and their products, from all three companies, can now be purchased from under the one roof. Greater choice and value has never been this easy to obtain from one retailer.

I would like to take the opportunity to thank you for your past support and along with the team at Powell Industrial look forward to being of service to you now and long into the future.



Don McDonald
Managing Director

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If you are having trouble finding the product you require please don't hesitate to contact your local Powell Industrial Branch for assistance.

Contact details can be found on the back cover for all our branches.

IMPORTANT NOTES:

You are currently viewing a single section or sub-section of the entire Powell Industrial Product Catalogue – Version 2.

This Table of Contents is the universal page numbering for all sections combined and therefore this copy may not reflect what is found in this document. Each of these sections (in green) and their sub-sections can be viewed and downloaded directly from our website.

If you'd like a printed copy of this catalogue please call your local Powell Industrial branch. The final page of this catalogue section houses all branch contact details.

All products found in this catalogue may not be readily available at every Powell Industrial branch.

CHARTS & TABLES

CHARTS &
TABLES

CONVERSION CHARTS & EQUATIONS

HOSE PROPERTIES

CHEMICAL RESISTANCE CHARTS

– PVC

– GENERAL

FITTINGS

PNEUMATICS

HOSE REELS

RUBBER

HYDRAULICS

ACCESSORIES &
CONSUMABLES

CHEMICAL RESISTANCE GENERAL

- A = No effect (Acceptable)**
B = Minor effect (Acceptable)
C = Moderate effect effect (Questionable)
D = Severe effect (Not recommended)

These recommendations are based upon information from material suppliers and careful examination of available published information and are believed to be accurate. However, since the resistance of metals, plastics and elastomers can be affected by concentrations, temperature, presence of other chemicals and other factors, this information should be considered as a general guide rather than an unqualified guarantee. Ultimately, the customer must determine the suitability of the material used in various solutions. All recommendations assume ambient temperatures unless otherwise noted.

CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Acetaldehyde	A	A	B	-	A	A	B	B	B	D	B	C
Acetamide	B	A	-	-	-	-	-	A	-	A	A	D
Acetate Solv.	B	A	B	C	A	A	D	D	-	D	-	-
Acetic Acid, Glacial	B	A	B	C	A	D	B	D	B	C	B	C
Acetic Acid 20%	-	A	-	C	A	D	A	C	-	C	-	-
Acetic Acid 80%	-	A	-	C	A	D	B	C	-	D	-	-
Acetic Acid	B	A	B	C	A	D	A	C	-	C	B	C
Acetic Anhydride	A	A	B	D	A	D	A	A	C	B	B	C
Acetone	A	A	A	A	A	A	B	D	B	C	A	D
Acetyl Chloride	C	A	-	-	A	-	-	-	-	-	-	A
Acetylene	A	A	A	-	-	A	D	A	C	B	A	C
Acrylonitrile	A	C	B	-	-	-	B	D	-	D	D	-
Aluminum Chloride 20%	D	C	B	-	-	A	A	A	-	A	A	A
Aluminum Chloride	D	C	D	-	A	D	A	A	C	A	-	-
Aluminum Fluoride	D	C	-	-	A	D	A	A	C	A	-	C
Aluminum Hydroxide	A	A	A	-	A	A	A	A	-	A	-	A
Alum Potassium Sulfate (ALUM), 10%	A	-	A	-	A	A	-	-	-	A	-	A
Alum Potassium Sulfate (ALUM) 100%	D	A	B	-	A	D	A	A	-	A	-	A
Aluminum Sulfate	C	C	A	C	A	A	A	A	-	A	A	A
Amines	A	A	A	-	A	A	-	D	C	B	B	C
Ammonia 10%	-	A	-	-	A	A	A	D	-	A	-	-
Ammonia Anhydrous	B	A	B	-	A	A	A	B	B	A	A	D
Ammonia, Liquids	A	A	D	-	A	-	A	B	B	A	A	D
Ammonia, Nitrate	A	A	C	-	-	-	A	A	-	C	-	-
Ammonium Bifluoride	C	A	D	-	-	-	A	A	-	A	-	-
Ammonium Carbonate	A	A	C	-	A	A	A	D	C	A	A	-
Ammonium Casenite	-	A	-	-	-	-	-	-	-	A	-	-
Ammonium Chloride	A	C	C	C	A	A	A	A	C	A	A	A
Ammonium Hydroxide	A	A	C	D	A	A	A	B	B	A	A	C
Ammonium Nitrate	A	A	B	D	A	D	A	A	C	A	A	A
Ammonium Oxalate	A	A	-	-	-	-	-	A	-	A	-	-
Ammonium Persulfate	A	A	C	-	A	D	A	A	-	A	A	A
Ammonium Phosphate, Dibasic	A	A	B	-	A	A	A	A	B	A	A	A
Ammonium Phosphate, Monobasic	A	A	B	-	A	A	A	A	B	A	A	A

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Ammonium Phosphate, Tribasic	A	A	B	-	A	A	A	A	B	A	A	A
Ammonium Sulfate	A	B	B	C	A	D	A	A	B	A	A	A
Ammonium Thio-Sulfate	-	A	-	-	-	-	-	A	-	A	-	-
Amyl-Acetate	A	A	B	-	A	B	D	D	D	D	A	D
Amyl Alcohol	A	A	B	-	A	A	A	B	D	A	A	C
Amyl Chloride	C	B	D	-	A	C	D	D	-	D	D	D
Aniline	A	A	C	-	A	C	B	D	C	D	B	D
Anti-Freeze	A	A	A	B	A	A	A	A	C	A	A	A
Antimony Plating 130° F	-	A	-	-	A	D	A	A	D	A	-	-
Antimony Trichloride	D	D	D	-	A	D	-	-	-	C	-	A
Aqua Regia	D	D	D	-	A	D	C	D	C	D	D	D
(80%, HCl, 20%, HNO)	D	D	D	-	A	D	C	D	C	D	D	D
Arochlor 1248	-	-	-	-	-	-	-	D	-	D	B	D
Aromatic Hydrocarbons	-	A	A	-	-	-	-	D	-	D	D	D
Arsenic Acid	A	A	D	B	A	A	A	A	-	A	-	C
Arsenic Plating 110° F	-	A	-	-	A	A	A	A	D	A	-	-
Asphalt	B	A	C	-	-	A	A	B	C	B	D	D
Barium Carbonate	A	A	B	-	A	A	A	A	-	A	-	A
Barium Chloride	A	A	D	-	A	B	A	A	B	A	A	A
Barium Cyanide	-	A	-	-	-	-	-	C	-	A	A	-
Barium Hydroxide	C	A	D	-	A	A	A	A	C	A	A	A
Barium Nitrate	A	A	-	-	-	-	-	A	-	A	A	-
Barium Sulfate	A	A	D	-	A	A	A	A	D	A	A	-
Barium Sulfide	A	A	D	-	A	A	A	A	C	A	A	A
Beer	A	A	A	B	A	D	D	D	C	A	A	A
Beet Sugar Liquids	A	A	A	B	A	A	A	A	-	B	A	A
Benzaldehyde	A	A	B	-	A	C	D	D	B	D	A	D
Benzene	A	A	B	A	A	A	D	D	-	D	D	D
Benzoic Acid	A	A	B	-	A	D	D	D	-	D	D	D
Benzol	A	A	B	A	A	A	A	D	-	D	-	-
Benzyl Alcohol	A	A	B	C	-	A	A	D	-	B	B	D
Borax (Sodium Borate)	A	A	C	B	A	A	A	B	C	A	A	C
Boric Acid	A	A	B	C	A	A	A	A	-	A	A	A
Brewery Slop	-	A	-	-	-	-	-	A	-	A	-	-

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminum	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Bromine (Wet)	D	D	D	-	A	D	D	D	D	D	D	D
Butadiene	A	A	A	A	A	A	-	A	-	B	A	-
Butanes	A	A	A	A	A	A	D	A	D	B	D	D
Butanol	A	A	A	-	A	-	-	-	-	-	-	-
Butter	B	A	A	-	-	-	-	A	-	B	A	D
Buttermilk	A	A	A	-	A	A	-	A	-	A	-	D
Butylene	-	A	A	A	A	-	-	B	-	-	D	D
Butyl Acetate	-	C	A	-	A	-	D	B	D	D	B	D
Butyl Alcohol	A	A	B	C	A	A	B	A	D	A	A	A
Butyric Acid	B	A	B	-	A	D	A	D	-	D	B	-
Calcium Bisulfate	D	A	D	D	A	A	-	A	C	C	-	A
Calcium Bisulfide	-	B	C	-	A	A	A	A	-	A	D	-
Calcium Bisulfite	D	A	C	-	A	A	A	A	-	A	-	A
Calcium Carbonate	A	A	C	-	A	A	A	A	-	A	-	A
Calcium Chlorate	C	A	-	-	A	A	-	-	-	A	-	A
Calcium Chloride	A	D	C	-	A	A	A	A	B	D	A	A
Calcium Hydroxide	A	A	C	-	A	A	A	A	C	A	A	A
Calcium Hypochlorite	A	C	C	-	A	D	A	B	C	D	A	C
Calcium Sulfate	A	A	B	-	A	A	A	A	-	D	-	C
Calgon	A	A	-	-	-	-	A	A	-	A	-	-
Cane Juice	A	A	B	C	-	A	D	A	-	A	-	A
Carbolic Acid (See Phenol)	-	-	-	-	-	-	-	-	-	-	-	-
Carbon Bisulfide	A	A	A	-	-	A	D	D	-	D	D	D
Carbon Dioxide (Wet)	A	A	C	C	A	-	-	-	-	-	-	-
Carbon Disulfide	B	A	C	C	A	A	D	D	-	D	D	D
Carbon Monoxide	A	A	A	-	-	A	A	A	B	B	A	C
Carbon Tetrachloride	C	B	C	A	A	A	D	C	C	D	-	D
Carbonated Water	A	A	A	-	-	A	A	A	-	A	A	-
Carbonic	A	B	A	-	A	A	A	B	B	A	A	A
Catsup	A	A	D	-	-	A	A	A	-	C	-	-
Chloroacetic Acid	D	D	C	-	A	D	D	D	-	D	B	D
Chloric Acid	D	D	-	-	A	-	-	D	-	D	-	-
Chlorinated Glue	A	A	D	-	-	C	-	C	-	D	B	D
Chlorine, Anhydrous Liquid	D	D	D	-	A	D	D	D	-	D	B	D

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Chlorine (Dry)	A	A	D	B	A	-	-	-	-	D	-	D
Chlorine Water	-	D	D	D	A	D	D	D	C	D	-	-
Chlorobenzene (Mono)	A	A	B	-	A	A	D	D	-	D	D	D
Chlorosulfonic Acid	D	-	D	-	A	D	D	D	D	D	D	D
Chlorox (Bleach)	A	A	C	-	A	D	D	C	-	B	B	D
Chocolate Syrup	A	A	A	-	-	A	A	A	-	A	-	D
Chromic Acid 5%	A	A	C	D	-	D	A	D	C	D	A	B
Chromic Acid 10%	B	-	-	D	A	D	A	D	-	D	-	-
Chromic Acid 30%	B	-	-	D	A	D	A	D	-	D	-	-
Chromic Acid 50%	B	B	C	D	A	D	B	D	-	D	A	D
Cider	A	A	B	-	-	-	-	A	-	A	-	-
Citric Acid	A	A	C	C	A	C	B	D	C	A	A	A
Citric Oils	A	A	C	-	-	-	A	A	C	D	-	-
Coffee	A	A	A	-	A	A	A	A	-	A	-	A
Copper Chloride	D	D	D	-	A	D	A	A	-	A	A	A
Copper Cyanide	A	A	D	-	A	A	A	B	-	A	A	A
Copper Fluoborate	D	D	D	-	A	-	-	B	-	A	-	A
Copper Nitrate	A	A	D	-	A	D	A	A	-	A	-	-
Copper Sulfate (5% Solution)	A	A	D	D	A	D	A	A	C	A	-	C
Copper Sulfate	B	-	-	D	A	C	A	B	-	A	A	-
Cream	A	A	A	-	-	A	A	A	-	C	-	-
Cresols	A	A	B	C	-	-	C	D	D	D	D	D
Cresylic Acid	A	A	C	-	A	D	-	D	-	D	D	D
Cyclohexane	A	-	A	-	-	-	D	A	D	D	D	D
Cyanic Acid	A	-	-	-	-	-	-	C	-	D	-	-
Detergents	A	A	A	-	-	A	A	A	-	B	A	C
Diacetone Alcohol	A	A	A	C	-	A	D	D	-	D	A	D
Dichlorethane	A	A	-	-	A	A	-	-	-	D	-	D
Diesel Fuel	A	A	A	-	-	-	D	A	-	D	D	D
Diethylamine	A	-	A	-	A	-	C	B	-	B	B	C
Diethylene Glycol	A	-	-	-	-	A	-	A	C	A	A	A
Diphenyl Oxide	A	-	-	-	-	-	-	D	-	D	D	D
Dyes	A	A	B	-	-	-	-	-	-	C	-	-
Epsom Salts(Magnesium Sulfate)	A	A	A	-	-	-	A	A	-	A	-	C

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Ethane	A	-	A	-	-	-	-	A	-	B	D	D
Ethanolamine	A	A	-	-	-	-	-	B	C	B	-	C
Ether	A	A	A	A	-	C	-	D	-	D	C	D
Ethyl Acetate	A	A	B	-	A	A	C	D	C	D	B	D
Ethyl Alcohol	A	A	B	C	-	A	A	A	B	A	B	A
Ethyl Chloride	A	A	B	-	A	A	D	D	D	C	A	A
Ethyl Sulfate	D	-	-	-	-	-	-	A	-	-	-	-
Ethylene Chloride	A	A	C	-	A	-	D	D	D	D	C	D
Ethylene Dichloride	A	A	D	-	A	A	A	D	D	D	C	D
Ethylene Glycol	A	A	A	B	A	A	A	A	C	A	A	A
Ethylene Oxide	-	A	A	-	A	A	-	D	D	D	C	D
Fatty Acids	A	A	B	-	A	A	A	C	C	B	C	C
Ferric Chloride	D	D	D	D	A	D	A	D	C	B	A	A
Ferric Nitrate	A	A	D	-	A	D	A	A	D	A	A	A
Ferric Sulfate	A	C	D	D	A	A	A	B	C	A	-	A
Ferrous Chloride	D	D	D	-	A	D	A	B	C	A	-	A
Ferrous Sulfate	A	C	D	-	A	D	A	B	-	A	-	A
Fluboric Acid	D	B	-	-	A	C	A	B	-	A	-	-
Fluorine	D	D	D	-	C	D	-	-	-	-	-	-
Fluosilicic Acid	-	B	D	-	A	D	A	A	-	A	-	-
Formaldehyde 40%	-	A	-	-	A	D	A	B	B	A	-	-
Formaldehyde	A	A	A	B	A	A	A	C	B	D	B	C
Formic Acid	A	B	D	C	A	D	A	D	C	D	A	C
Freon 11	-	A	B	-	A	A	-	C	D	D	D	D
Freon 12 (wet)	-	D	B	-	A	A	A	A	D	B	B	D
Freon 22	-	A	B	-	-	A	-	D	D	A	A	A
Freon 113	-	A	B	-	-	A	-	A	D	A	-	D
Freon T.F.	-	A	B	-	-	A	D	A	D	A	D	D
Fruit Juice	A	A	B	-	D	A	A	A	-	A	-	-
Fuel Oils	A	A	A	-	A	A	B	A	C	B	D	D
Furan Resin	A	A	A	-	A	-	-	D	-	D	-	D
Furfural	A	A	A	-	A	A	D	D	D	D	B	D
Gallic Acid	A	A	A	-	A	A	-	A	-	-	-	-
Gasoline	A	A	A	-	A	A	C	A	D	D	C	D

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Gelatin	A	A	A	C	A	A	A	A	-	A	A	A
Glucose	-	A	A	A	A	A	A	A	B	A	A	A
Glue P.V.A.	B	A	B	-	A	A	-	A	-	A	-	-
Glycerine	A	A	A	B	A	A	A	A	B	A	A	A
Cycloic Acid	-	-	-	-	-	-	A	A	-	A	-	-
Gold Monocyanide	-	A	-	-	-	-	-	A	-	A	-	-
Grape Juice	A	A	B	-	-	-	-	A	-	A	-	-
Grease	A	A	A	-	A	A	-	A	-	D	-	-
Heptane	-	A	A	-	A	A	D	A	-	B	D	-
Hexane	A	A	A	-	A	A	C	A	B	B	D	D
Hexyl Alcohol	A	A	A	C	-	A	A	A	D	B	A	A
Honey	A	A	A	-	-	A	A	A	-	A	A	-
Hydraulic Oils (Petroleum)	A	A	A	-	A	A	D	A	-	B	D	D
Hydraulic Oils (Synthetic)	A	A	A	-	-	A	D	C	D	-	-	-
Hydrazine	A	A	-	-	-	-	-	B	D	B	A	C
Hydrobromic Acid 20%	-	D	-	-	A	D	A	D	-	C	-	-
Hydrobromic Acid	D	D	D	-	A	D	B	D	D	D	A	A
Hydrochloric Acid (Dry Gas)	C	A	D	-	A	-	-	-	-	-	A	-
Hydrochloric Acid (20%)	D	D	D	-	A	D	A	C	-	C	A	C
Hydrochloric Acid (37%)	D	D	D	-	A	D	A	C	C	C	C	D
Hydrochloric Acid 100%	D	D	D	-	A	D	-	D	-	C	-	A
Hydrocyanic Acid	A	A	A	D	A	A	A	C	-	B	-	A
Hydrocyanic Acid (Gas 10%)	D	D	-	-	A	-	-	-	-	C	A	C
Hydrofluoric Acid (20%) ¹	D	D	D	-	A	D	A	D	-	C	A	C
Hydrofluoric Acid (75%)	C	D	D	-	A	D	B	D	D	D	C	C
Hydrofluoric Acid 100%	D	D	D	-	A	-	-	D	-	D	-	D
Hydrofluosilicic Acid (20%)	D	D	D	-	A	D	A	B	-	B	A	A
Hydrofluosilicic Acid	D	D	C	-	A	-	-	-	D	A	-	-
Hydrogen Gas	A	A	A	-	A	-	-	-	-	-	-	-
Hydrogen Peroxide 10%	C	C	A	D	A	B	-	A	-	D	-	C
Hydrogen Peroxide 30%	-	B	-	D	A	B	A	D	-	C	-	-
Hydrogen Peroxide	A	B	A	D	A	B	A	D	C	D	C	C
Hydrogen Sulfide, Aqueous Solution	A	A	C	C	A	B	A	C	-	B	A	D
Hydrogen Sulfide (Dry)	C	A	D	C	A	B	-	-	-	-	-	A

CHEMICAL RESISTANCE GENERAL

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypro- pylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Hydroxyacetic Acid (70%)	-	-	D	-	-	-	-	A	-	A	A	-
Ink	A	A	C	-	-	A	-	A	-	A	-	-
Iodine	D	D	D	-	A	D	D	B	-	D	B	D
Iodine (In Alcohol)	-	B	-	-	A	D	B	D	-	D	-	-
Iodoform	D	A	A	-	A	A	-	-	-	-	-	-
Isobutyl Alcohol	A	A	B	C	-	A	-	C	B	A	A	A
Isopropyl Alcohol	A	A	B	C	-	A	A	C	C	B	A	A
Isopropyl Acetate	-	B	C	-	-	-	-	D	-	D	B	D
Isopropyl Ether	-	A	A	-	A	-	D	B	-	D	D	D
Isotane	-	-	A	-	-	-	D	A	-	-	-	D
Jet Fuel (JP3,JP4,JP5)	A	A	A	-	A	A	D	A	D	D	D	D
Kerosene	A	A	A	A	A	A	D	A	D	D	A	D
Ketones	A	A	B	-	A	A	D	D	-	D	D	C
Lacquers	A	A	A	C	-	A	A	D	-	D	-	D
Lacquer Thinners	-	A	-	C	A	A	B	D	-	D	A	-
Lactic Acid	A	B	C	-	A	C	A	B	-	A	B	A
Lard	A	A	A	-	-	A	A	A	C	B	-	D
Latex	A	A	A	-	-	A	-	A	-	C	A	-
Lead Acetate	A	A	D	-	A	A	A	B	-	D	A	A
Lead Fluoborate Plating	-	C	-	-	A	D	A	B	-	C	-	-
Lead Sulfamate	-	-	-	-	-	-	A	B	C	A	D	C
Ligroin	-	A	-	-	-	-	D	A	-	B	A	D
Lime	A	A	C	-	-	-	-	A	C	B	D	-
Lubricants	A	A	A	-	A	A	A	A	C	D	-	D
Magnesium Carbonate	A	A	-	-	-	-	A	A	-	A	A	-
Magnesium Chloride	B	B	D	C	A	A	A	A	-	A	A	A
Magnesium Hydroxide	A	A	D	B	A	A	A	B	-	B	-	C
Magnesium Nitrate	A	A	-	-	A	A	A	A	-	A	-	-
Magnesium Oxide	A	A	-	-	-	-	-	A	-	A	A	-
Magnesium Sulfate	B	A	B	B	A	A	A	A	-	A	D	C
Maleic Acid	A	A	B	-	A	A	C	D	-	A	D	D
Maleic Anhydride	-	-	-	-	-	-	-	D	-	D	-	D
Malic Acid	A	A	C	-	A	A	-	-	-	A	-	A
Mash	A	A	-	-	-	-	-	A	-	A	-	-

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypro- pylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Mayonnaise	A	A	D	-	A	A	A	A	-	-	-	-
Melamine	D	D	-	-	-	-	-	C	-	-	-	-
Mercuric Chloride (Dilute Solution)	D	D	D	D	A	A	A	A	-	A	A	A
Mercuric Cyanide	A	A	D	-	A	-	A	A	-	-	-	-
Mercury	A	A	C	D	A	A	A	A	-	A	A	A
Methanol (See Alcohol Methyl)	-	-	-	-	-	-	-	-	-	-	-	-
Methyl Acetate	-	A	A	-	A	-	-	D	D	B	B	D
Methyl Acetone	-	A	A	-	A	-	-	D	-	D	-	-
Methyl Alcohol 10%	-	A	C	-	A	A	-	B	-	-	-	A
Methyl Alcohol	A	A	B	C	A	A	A	B	-	A	A	A
Methyl Bromide	-	-	-	-	-	-	-	B	-	D	D	D
Methyl Butyl Ketone	-	A	A	-	-	-	-	D	C	D	A	D
Methyl Cellosolve	-	-	A	-	-	-	A	D	-	D	B	D
Methyl Chloride	C	A	D	-	A	A	D	D	D	D	C	D
Methyl Dichloride	-	-	-	-	-	-	-	D	-	D	D	D
Methyl Ethyl Ketone	A	A	A	-	A	A	A	D	C	D	A	D
Methyl Isobutyl Ketone	-	A	-	-	A	A	C	D	C	D	C	D
Methyl Isopropyl Ketone	-	A	-	-	-	A	-	D	B	D	B	D
Methyl Methacrylate	-	-	-	-	-	-	-	D	-	D	D	D
Methylamine	-	A	A	-	-	-	-	B	-	-	-	-
Methylene Chloride	A	A	A	C	A	D	D	D	-	D	D	D
Milk	A	A	A	C	-	A	A	A	B	A	A	A
Molasses	A	A	A	B	-	A	A	A	-	A	-	-
Mustard	A	A	B	-	-	A	A	B	C	C	-	-
Naptha	A	A	A	-	A	A	A	B	D	D	D	D
Napthalene	A	B	B	-	A	-	B	D	-	D	D	D
Nickel Chloride	A	B	D	-	A	A	A	A	-	A	A	A
Nickel Sulfate	A	B	D	C	A	A	A	A	-	A	A	C
Nitric Acid (10% Solution)	A	A	D	-	A	D	A	D	-	D	B	D
Nitric Acid (20% Solution)	A	A	D	-	A	D	A	D	-	D	D	D
Nitric Acid (50% Solution)	A	A	D	-	A	D	D	D	-	D	D	D
Nitric Acid (Concentrated Solution)	D	B	B	D	A	D	D	D	-	D	D	D
Nitrobenzene	A	B	C	-	A	C	C	D	D	D	D	D
Oil - Aniline	A	A	C	-	A	C	A	D	-	D	B	D

CHARTS &
TABLES

FITTINGS

PNEUMATICS

HOSE REELS

RUBBER

HYDRAULICS

ACCESSORIES &
CONSUMABLES

CHEMICAL RESISTANCE GENERAL

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Oil - Anise	A	A	-	-	-	-	-	-	-	D	-	-
Oil - Bay	A	A	-	-	-	-	-	-	-	D	-	-
Oil - Bone	A	A	-	-	-	-	-	A	-	D	-	-
Oil - Castor	A	A	A	-	-	-	-	A	-	A	B	A
Oil - Cinnamon	A	A	-	-	A	-	A	-	-	D	-	-
Oil - Citric	A	A	-	-	-	A	A	A	-	D	-	-
Oil - Clove	A	A	-	-	-	A	B	A	-	-	-	-
Oil - Coconut	A	A	B	-	-	A	A	A	-	A	A	D
Oil - Cod Liver	A	A	B	-	-	A	A	A	-	B	A	D
Oil - Corn	A	A	B	-	-	A	A	A	-	D	C	D
Oil - Cotton Seed	A	A	B	-	A	A	A	A	-	D	C	D
Oil - Cresote	A	A	A	-	-	-	D	A	-	B	D	D
Oil - Diesel Fuel (2D,3D,4D,5D)	A	A	A	-	-	A	A	A	-	D	D	D
Oil - Fuel (1,2,3,5A,5B,6)	A	A	A	-	A	-	B	B	-	D	D	D
Oil - Ginger	A	A	-	-	-	-	-	A	-	A	-	-
Oil - Hydraulic (See Hydraulic)				-					-		-	
Oil - Lemon	A	A	-	-	-	-	D	-	-	D	-	-
Oil - Linseed	A	A	A	-	-	A	A	A	-	D	D	D
Oil - Mineral	A	A	A	-	-	A	B	A	-	B	D	D
Oil - Olive	A	A	A	-	A	A	A	A	C	B	-	D
Oil - Orange	A	A	-	-	A	A	A	A	-	D	-	-
Oil - Palm	A	A	A	-	-	A	-	A	-	D	-	-
Oil - Peanut	A	A	A	-	-	-	D	A	-	D	-	D
Oil - Peppermint	A	A	-	-	-	-	D	D	-	D	-	-
Oil - Pine	A	A	A	-	A	-	-	A	-	D	-	D
Oil - Rape Seed	A	A	-	-	-	-	-	B	-	D	-	D
Oil - Rosin	A	A	A	-	-	A	A	A	-	-	-	-
Oil - Sesame Seed	A	A	A	-	-	-	-	A	-	D	-	-
Oil - Silicone	A	A	-	-	-	A	A	A	-	A	-	A
Oil - Soybean	A	A	A	-	-	A	A	A	-	D	-	D
Oil - Sperm	A	A	-	-	-	-	-	A	-	D	-	-
Oil - Tanning	A	A	-	-	-	-	-	A	-	D	-	-
Oil - Turbine	A	A	A	-	-	-	-	A	-	D	-	D
Octyl Alcohol	A	A	A	C	-	A	-	B	-	B	A	C

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Oleic Acid	A	A	B	C	A	A	C	B	D	D	D	D
Oleum 25%	-	-	-	-	A	-	-	D	D	D	D	-
Oleum	-	A	B	C	A	-	D	C	D	D	D	D
Oxalic Acid (cold)	A	B	C	C	A	D	A	B	C	B	A	C
Paraffin	A	A	A	-	A	A	A	A	-	-	-	-
Pentane	C	C	A	-	A	A	-	A	-	B	D	D
Perchloroethylenen	A	A	A	-	A	-	D	C	D	D	D	D
Petrolatum	-	A	B	-	A	A	-	A	-	B	A	D
Phenol 10%	A	A	A	-	A	D	-	D	-	C	D	C
Phenol (Carbolic Acid)	A	A	B	D	A	D	B	D	-	D	D	D
Phosphoric Acid (to 40% Solution)	B	A	D	D	A	D	A	D	-	D	B	C
Phosphoric Acid (40%-100% Solution)	C	B	D	D	A	D	A	D	-	D	B	C
Phosphoric Acid (Crude)	D	C	D	D	A	D	-	D	-	D	B	-
Phosphoric Anhydride (Dry or Moist)	A	A	-	D	A	-	-	D	-	D	-	A
Phosphoric Anhydride (Molten)	A	A	D	D	A	A	-	C	-	D	-	D
Photographic (Developer)	C	A	C	-	-	-	A	A	-	A	-	-
Phthalic Anhydride	A	B	B	-	A	A	-	C	-	-	-	-
Picric Acid	A	A	C	D	A	A	-	A	D	A	-	A
Potash	A	-	C	-	-	A	A	A	-	B	-	B
Potassium Bicarbonate	A	-	C	-	A	A	A	A	-	A	-	B
Potassium Bromide	A	-	C	-	A	C	A	A	-	A	A	B
Potassium Carbonate	A	-	C	-	A	A	A	B	-	A	-	B
Potassium Chlorate	A	A	B	-	A	D	A	A	-	A	-	B
Potassium Chloride	A	A	B	C	A	B	A	A	-	A	A	A
Potassium Chromate	-	B	A	-	-	-	-	A	-	A	-	B
Potassium Cyanide Solutions	A	B	D	-	A	A	A	A	-	A	A	A
Potassium Dichromate	A	A	A	-	A	D	A	A	-	A	A	A
Potassium Ferrocyanide	A	-	C	-	A	A	-	D	-	-	-	A
Potassium Hydroxide (50%)	B	B	D	D	A	A	A	B	C	A	A	C
Potassium Nitrate	A	B	B	-	A	C	A	A	-	A	A	A
Potassium Permanganate	A	B	B	-	A	D	B	A	-	A	-	B
Potassium Sulfate	A	B	A	B	A	C	A	A	C	A	A	C
Potassium Sulfide	A	-	B	-	A	-	-	A	-	-	-	-
Propane (Liquified)	A	-	A	A	A	A	D	A	D	B	D	D

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Propyl Alcohol	A	A	A	-	A	A	A	A	B	A	A	A
Propylene Glycol	B	-	A	-	A	B	-	A	-	C	-	-
Pyridine	C	-	B	-	A	-	B	D	-	D	B	D
Pyrogalllic Acid	A	A	B	-	A	A	-	A	-	-	-	-
Rhodium Plating 120° F	-	D	-	-	A	D	A	A	-	B	-	-
Rosins	A	A	A	C	A	A	A	A	-	-	-	-
Rum	A	-	-	-	-	A	A	A	-	A	-	-
Rust Inhibitors	A	-	-	-	-	-	A	A	-	C	-	-
Sea Water	A	A	C	-	A	A	A	A	B	B	A	A
Shellac (Bleached)	A	-	A	B	A	A	A	A	-	-	-	-
Shellac (Orange)	A	-	A	C	A	A	A	A	-	-	-	-
Silicone	B	-	B	-	-	A	A	A	B	A	A	A
Silver Bromide	C	C	D	-	-	-	-	-	-	-	-	-
Silver Nitrate	A	B	D	-	A	A	A	C	-	A	C	A
Silver Plating 80-120° F	-	A	-	-	A	A	A	A	-	A	-	-
Soap Solutions	A	A	C	-	A	A	A	A	B	B	-	C
Soda Ash (See Sodium Carbonate)												
Sodium Acetate	A	A	B	-	A	A	A	D	-	C	-	A
Sodium Aluminate	-	-	C	-	A	A	-	A	-	A	A	B
Sodium Bicarbonate	A	A	A	A	A	A	A	A	C	A	A	A
Sodium Bisulfate	A	-	D	C	A	C	A	A	C	A	-	A
Sodium Bisulfite	A	-	A	-	A	D	A	A	C	A	-	A
Sodium Borate	A	-	C	-	A	A	-	-	B	A	-	-
Sodium Carbonate	A	B	C	B	A	A	A	A	-	A	A	A
Sodium Chlorate	A	-	B	-	A	A	A	D	-	A	-	A
Sodium Chloride	A	C	C	C	A	A	A	A	C	A	A	B
Sodium Chromate	A	A	D	-	A	A	A	A	-	A	-	-
Sodium Cyanide	A	-	D	D	A	C	A	A	D	A	A	A
Sodium Fluoride	C	-	C	-	A	A	-	D	-	D	-	D
Sodium Hydrosulfite	-	-	A	-	A	A	-	-	-	A	-	A
Sodium Hydroxide (20%)	A	A	D	D	A	C	A	A	D	B	A	A
Sodium Hydroxide (50% Solution)	A	B	D	D	A	C	A	D	D	C	-	A
Sodium Hydroxide (80% Solution)	A	D	D	D	A	C	A	D	D	C	-	B
Sodium Hypochlorite (to 20%)	C	C	C	D	A	A	D	C	D	D	B	C

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CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Sodium Hypochlorite	-	A	D	-	A	A	A	B	C	A	-	-
Sodium Hyposulfate	A	A	D	-	A	-	-	-	-	C	-	C
Sodium Metaphosphate	-	A	A	C	A	A	D	A	-	B	A	A
Sodium Metasilicate	-	A	B	-	A	-	-	A	D	A	-	-
Sodium Nitrate	A	A	A	C	A	A	A	C	D	B	A	C
Sodium Perborate	-	C	B	C	A	A	A	B	D	B	A	C
Sodium Peroxide	A	A	C	C	A	D	-	C	D	B	A	C
Sodium Polyphosphate (Mono, Di, Tribasic)	A	A	D	-	A	-	-	A	-	D	A	A
Sodium Silicate	A	B	C	C	A	A	A	A	-	A	A	A
Sodium Sulfate	A	A	B	B	A	A	A	A	-	A	A	C
Sodium Sulfide	A	B	D	D	A	A	A	C	-	A	A	C
Sodium Sulfite	C	C	C	-	A	D	-	A	-	A	-	A
Sodium Tetraborate	-	A	-	-	-	-	-	A	-	-	-	-
Sodium Thiosulphate ("Hypo")	A	A	B	D	A	A	A	B	-	A	A	C
Sorghum	A	A	-	-	-	A	-	A	-	A	-	-
Soy Sauce	A	A	A	-	-	A	-	A	-	A	-	D
Stannic Chloride	D	D	D	-	A	A	A	A	D	A	A	A
Stannic Fluoborate	-	A	-	-	-	-	-	A	-	A	-	-
Stannous Chloride	D	C	D	-	A	D	-	C	D	D	-	A
Starch	A	A	A	-	A	A	-	A	-	A	-	-
Stearic Acid	A	A	B	C	A	A	D	B	D	B	B	C
Stoddard Solvent	A	A	A	A	A	A	D	B	D	D	D	D
Styrene	A	A	A	-	A	-	-	D	D	D	D	D
Sugar (Liquids)	A	A	A	-	A	A	A	A	-	B	-	A
Sulfate Liquors	C	C	B	-	-	-	A	-	-	C	-	-
Sulfur Chloride	D	D	D	D	A	A	D	D	-	D	D	D
Sulfur Dioxide	A	A	A	-	A	D	D	D	C	B	A	D
Sulfur Trioxide (Dry)	A	C	A	-	A	D	-	D	-	D	B	C
Sulfuric Acid (to 10%)	D	C	C	D	A	D	A	C	-	D	D	C
Sulfuric Acid (10%-75%)	D	D	D	D	A	D	A	D	-	D	D	D
Sulfuric Acid 75%-100%	-	D	-	D	A	D	B	D	-	D	-	-
Sulfurous Acid	C	B	C	-	A	D	A	C	D	B	B	C
Sulfuryl Chloride	-	-	-	-	A	-	-	-	-	-	-	-
Syrup	A	A	A	-	-	A	A	A	-	B	-	A

CHEMICAL RESISTANCE GENERAL

- A = No effect (Acceptable)**
B = Minor effect (Acceptable)
C = Moderate effect effect (Questionable)
D = Severe effect (Not recommended)

These recommendations are based upon information from material suppliers and careful examination of available published information and are believed to be accurate. However, since the resistance of metals, plastics and elastomers can be affected by concentrations, temperature, presence of other chemicals and other factors, this information should be considered as a general guide rather than an unqualified guarantee. Ultimately, the customer must determine the suitability of the material used in various solutions. All recommendations assume ambient temperatures unless otherwise noted.

CHEMICAL	304 S/Steel	316 S/Steel	Aluminium	Brass	Teflon	Nylon	Polypropylene	Nitrile	Silicone	Neoprene	EPDM	Natural Rubber
Tallow	A	A	A	-	-	A	-	A	-	-	-	-
Tannic Acid	A	A	C	-	A	D	A	D	C	A	A	A
Tanning Liquors	A	A	C	-	A	-	A	C	-	-	-	-
Tartaric Acid	A	B	C	C	A	A	A	D	C	A	-	A
Tetrachlorethane	-	A	-	-	A	A	A	D	-	-	D	D
Tetrahydrofuran	A	A	D	-	A	A	C	D	-	D	B	D
Tin-Fluoborate Plating 100° F	-	C	-	-	A	D	A	B	-	C	-	-
Tin-Lead Plating 100° F	-	C	-	-	A	D	A	B	-	C	-	-
Toluene, Toluol	A	A	A	A	A	A	D	D	D	D	D	D
Tomato Juice	A	A	A	-	A	A	A	A	-	A	-	-
Trichlorethane	C	A	C	-	A	-	-	D	D	D	D	D
Trichlorethylene	A	A	B	A	A	C	D	D	D	D	D	D
Trichloropropane	-	A	-	-	-	-	-	A	-	A	-	-
Tricresylphosphate	-	A	-	-	A	-	-	D	-	D	A	-
Triethylamine	-	-	-	-	-	-	-	A	D	B	-	-
Turpentine	A	A	C	C	A	A	B	D	-	D	D	D
Urine	A	A	B	-	-	A	A	A	-	D	A	-
Varnish (Use Viton® for Aromatic)	A	A	A	B	A	A	A	B	C	D	-	D
Vegetable Juice	A	A	A	-	-	A	-	A	B	D	-	D
Vinegar	A	A	D	B	A	A	A	C	-	B	A	C
Water, Fresh	A	A	A	C	A	A	A	A	-	B	A	A
Water, Salt	A	A	B	C	-	A	A	A	-	B	A	A
Water, Acid , Mine	A	A	C	D	-	A	A	A	-	B	-	B
Water, Distilled , Lab Grade 7	A	A	B	-	A	A	A	A	-	B	A	A
Weed Killers	A	A	C	-	-	A	-	B	-	C	-	-
Whey	A	A	B	-	-	-	-	A	-	-	-	-
Whiskey and Wines	A	A	D	B	A	A	A	A	B	A	A	A
White Liquor (Pulp Mill)	A	A	-	-	A	A	A	A	-	A	-	-
White Water (Paper Mill)	A	A	-	-	-	A	A	-	-	A	-	-
Xylene	A	A	A	A	A	A	D	D	D	D	D	D
Zinc Chloride	A	B	D	D	A	A	A	A	-	A	A	A
Zinc Hydrosulfate	A	A	D	C	A	A	A	A	-	A	A	C
Zinc Hydrosulphite	-	A	D	-	-	-	-	A	-	A	A	-
Zinc Sulfate	A	A	D	C	A	A	A	A	-	A	A	C

NOTES

HMP – HOSE MANAGEMENT PROGRAM



HMP

Powell Industrial Hose Management Program powered by INFOCHIP can include a range of the following features:

- Review of your current hose assembly use and needs
- Review that the hoses are fit for application
- Agree on maintenance program to suit your business
- All hoses whether existing under a maintenance program or new, are tested to Australian Standards following NAHAD guidelines, which can be on-site at your premises with our mobile test facility or off-site at our own maintenance facility

The following is included in our test and record stage:

- | | |
|--------------------------------------|-----------------------------------------|
| • Test number and Visual Tag | • Description of hose and its condition |
| • Allocation of INFOCHIP RFID Chip | • Test Pressure |
| • Date of inspection and/or testing | • Working Pressure |
| • Retest date tracking if required | • Result of test and/or inspection |
| • Name of person performing the test | |

Through the unique INFOCHIP integrated solution you can:

- View hose assembly history & records online 24/7
- Receive automated e-mail alerts advising on a hose that's due for a re-testing inspection
- Use RFID Chips and portable readers with Internet upload allowing you to immediately identify a hoses location, history of repairs, certifications etc
- See test certificates instantly for each identified hose online



For more information regarding our Hose Management Program and how it can work for you please speak with your Account Manager or call your local branch and ask for an introduction to HMP. If you wish to learn more about INFOCHIP you can visit the the INFOCHIP website **www.infochip.com**



HOSE ASSEMBLIES

Our speciality is the supply of fitted hose assemblies that can be tagged, tested and implanted with an RFID Microchip to track the hose through its life cycle. All of our hose assemblies are built to the relevant NAHAD or Australian Standard, to ensure total compliance to every state legislation.

Testing

The Testing Procedure

VISUAL INSPECTIONS

The visual inspection allows us to pick up any mechanical damage, corrosive damage or wear and tear that may have occurred during installation, use or even during storage. Each hose assembly is inspected for kinks, loose covers, bulges or ballooning, soft spots, cuts, broken wires or any obvious defect in the hose. The fittings and attachments are inspected for any type of visual defect that may affect the performance of the assembly also.



PRESSURE AND SUCTION TESTING

Hose testing is a procedure conducted at Powell Industrial to ensure that any hose we build for either pressure or suction purposes will perform efficiently and reliably in its intended application. Whilst we provide pressure and suction hoses to a variety of customers, our most predominant recipients of tested hose assemblies include Original Equipment Manufacturer's (OEM's) of specialised vehicles.



If required, any hose assembly built at Powell Industrial can be subjected to either pressure or suction testing. All testing is carried out in strict accordance with Australian Standard AS1180 7J & NAHAD Standards.

ASSOCIATIONS & PROCEDURES

More benefits to having Powell Industrial as your key partner in the supply of Industrial Hose and Fittings:

- Powell Industrial are proud members of NAHAD, the US based key world Association for Hose and Accessories Distribution
- Most of our frontline sales and warehouse staff have sat and passed the NAHAD exam for Industrial Hose Assembly Specification Guidelines



- We are a member of **ADIA** – The Australian Drilling Industry Association
- **S.T.A.M.P.E.D.** – at Powell Industrial we strictly follow the STAMPED procedure to insure as best as we can that we supply the correct hose for your application. In co-operation with our customers, by following STAMPED we endeavour to obtain the maximum information required to provide a quality hose assembly

S	SIZE	ID, OD and length.
T	TEMPERATURE	Of the material conveyed & the environment.
A	APPLICATION	Conditions of use. Delivery, suction or both.
M	MATERIAL	Contents being conveyed, type & concentration.
P	PRESSURE	What the assembly will be exposed to.
E	ENDS	Style, type, orientation, attachment.
D	DELIVERY	Testing, quality, packaging, delivery timing.

HOSE ASSEMBLY REQUEST SHEET

STAMPED HOSE ASSEMBLY REQUEST



powered by INFOCHIP

Customer copy: Photocopy this form, complete fields and then scan and e-mail or fax to your nearest Powell Industrial Branch

Customer contact:

Company:

Address:

Ph:

Order date:

Date Required:

TEST:

☐

Pressure

☐

Vacuum

☐

Untested

Comments:

SIZE ID/OD/Length	I.D. (mm)	O.D. (mm)	Length (m)	Overall Length (m)	Quantity	Comments

TEMPERATURE Material conveyed & environment	Internal	°C	Specify/comment:
	External	°C	

APPLICATION Conditions of use	<input type="checkbox"/> Suction	Notes:
	<input type="checkbox"/> Delivery	Notes:

MATERIAL Material being conveyed	<input type="checkbox"/> Water	<input type="checkbox"/> Air	<input type="checkbox"/> Abrasive	<input type="checkbox"/> Steam	<input type="checkbox"/> Petrol/Oil	<input type="checkbox"/> Chemical
	Details:					

PRESSURE Assembly will be exposed to	kPa	PSI	Bar	Comments

ENDS Orientation, style, type, attachment method	End 1	Description:				
	End 2	Description:				
	Hose	Description:				
	Fitting method	Crimp/Ferrule: <input type="checkbox"/> Alum <input type="checkbox"/> SS <input type="checkbox"/> Plated Steel		Clamps: <input type="checkbox"/> Worm <input type="checkbox"/> T Bolt <input type="checkbox"/> SemiSS <input type="checkbox"/> FullSS		Qty per end: <input type="text"/>

DELIVERY Testing, quality, packaging, time	Collect	Courier	Transport

Special instructions	
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WARRANTY

WARRANTY:

Powell Industrial is a 'distributor' and not a manufacturer of products. We offer the 'Warranty' provided by the original manufacturer and are bound solely by these requirements.

On items directly imported (therefore the deemed manufacturer), the warranty offered varies depending on the product and the original source of manufacture. Most items are warranted against faults and defects in manufacture for a period of 12 months, however Powell Industrial assumes no responsibility for the following:

- Improper installation or failure to follow fitting nor application instructions
- Exceeding manufacturers pressure or material guidelines
- Failure due to improper maintenance
- Indirect or consequential loss or damage
- Cost of freight or travelling time
- Product 'Fit for Use' is to be solely ascertained by the customer unless specifically requested in writing to Powell Industrial, and Powell Industrial confirms in writing of specific 'Fit for Use' requirements

TRADING HOURS:

Monday to Friday – check with your local branch.

SETTLEMENT TERMS:

All trade credit accounts are strictly nett 30 days from the close of the month that items have been invoiced. Non account customers are strictly CBD – (Cash Before Delivery through accepted credit card or EFT deposit in clear funds).

GST:

Prices quoted are based on Business to Business trading, and generally are exclusive of GST. GST or any tax applicable will be governed by the laws operating in Australia at the time of sale.

SPECIAL ORDERS:

Non stock items sourced and purchased on your behalf are subject to the relevant suppliers trading terms and conditions.

All Special Orders MUST be received in writing and will include a signed Powell Industrial Special Order confirmation form. Unless due to faulty manufactured product, Special Ordered items are NON RETURNABLE or refundable.

Hose or Hose Assemblies cut or made to customers requirements, whether from stocked lines or specially ordered are NON-RETURNABLE

RETURNS FOR CREDIT

Stock items maybe returned for credit providing the following:

- Company is notified within 14 days
- Goods returned must be in original condition, free from defects and in Powell Industrial's view, 'Fit for Sale'
- Copy of invoice to accompany goods for return is provided
- Return authority reference will be provided and needs to be attached to goods
- Cuts of products, special manufactured assemblies and non-stock buy ins are all non-returnable
- Re-stocking fee of 25% plus reimbursements freight costs apply

FAULTY OR DAMAGED GOODS

Above conditions apply, however Powell Industrial reserves the right to reject any claim(s) where the item has been opened, installed or used in any application that is not 'Fit for Purpose' or that may void the manufacturer's warranty.

CATALOGUE DISCLAIMERS

POWELL INDUSTRIAL makes every effort to provide accurate information within its catalogues. However, it will not be held responsible for errors (pictorial or written) and omissions arising from oversights, printing errors, errors in source material and changes in manufacturers' specifications.

Information provided relating to product specifications is believed correct at the time of compilation of the catalogue. Manufacturers' specifications can change from time to time and are not always communicated by them. Nor is it possible for POWELL INDUSTRIAL to retrospectively advise its customers of these changes. In addition; POWELL INDUSTRIAL reserves the right to substitute similar brands or products for the listed products application due to the non-availability of the listed product or brand; or other reason(s) as it sees fit. If you have a concern about a substituted product please discuss with our Customer Service staff or your POWELL INDUSTRIAL representative.

Where it is known that the correct specification of hose &/or fittings &/or assembly method is critical either from a performance or safety perspective, POWELL INDUSTRIAL recommends that such requirements are confirmed as being met by the product &/or assembly specifications before putting said products &/or assemblies into service.

Imagery: Actual products supplied may vary in appearance to those pictured as reference in this catalogue. All images should be used as a guide only.

Please note all products found in this catalogue may not be readily available at every Powell Branch location.

NB: Fuel Compatibility. Modern fuel additives and blends e.g. Ethanol; can render traditionally used hoses unsuitable for fuel transfer. Many compatibility charts and manufacturers catalogues are yet to catch up with these changes; e.g. PVC hoses that have traditionally been made with a Fuel Resistant PVC blend; in the main are not compatible with Ethanol in fuel. If you intend using a hose for the transfer of Ethanol fuel, Bio Fuel or other 'non-standard' fuel or additive, you should advise POWELL INDUSTRIAL of this and seek confirmation that the product to be supplied is compatible.

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Powell Industrial Branches

Coopers Plains

phone 07 3722 3722
fax 07 3722 3733
1/76 Postle Street
Coopers Plains Qld 4108
brissales@powellindustrial.com.au

Geebung

phone 07 3722 3722
fax 07 3722 3733
238 Robinson Road
Geebung Qld 4034
brissales@powellindustrial.com.au

Mackay

phone 07 4952 1666
fax 07 4952 1133
Unit 2, 3 Ginger Street
Mackay Qld 4740
msales@powellindustrial.com.au

Townsville

phone 07 4775 4855
fax 07 4775 4766
77 Pilkington Street
Garbutt Qld 4814
tsales@powellindustrial.com.au

Newcastle

phone 02 4028 6810
fax 02 4028 6835
Unit 6, 26 Balook Drive
Beresfield NSW 2322
newsales@powellindustrial.com.au

Wetherill Park

phone 02 9756 1244
fax 02 9756 1534
Unit 2, 1269 The Horsley Drive,
Wetherill Park NSW 2164
sydsales@powellindustrial.com.au

Kilsyth

phone 03 9588 1440
fax 03 9588 1441
Unit 3, 120 Canterbury Road
Kilsyth South Vic 3137
melsales@powellindustrial.com.au

Braeside

phone 03 9588 1440
Fax: 03 9588 1441
Factory 1, 252 Governor Road
Braeside Vic 3195
melsales@powellindustrial.com.au

Derrimut

phone 03 8353 2835
fax 03 8353 2879
Unit 1, 2 Derrimut Drive
Derrimut Vic 3030
Derrimut@powellindustrial.com.au

Burnie

phone 03 6431 4068
fax 03 6431 6727
6-8 Wellington Street,
South Burnie Tas 7320
Burnie@powellindustrial.com.au

Hobart

phone 03 6272 1055
fax 03 6272 1485
8A Lampton Avenue,
Derwent Park Tas 7009
Hobart@powellindustrial.com.au

Welshpool

phone 08 9358 5900
fax 08 9358 5911
Unit 6, 16 Kewdale Road,
Welshpool WA 6106
Welshpool@powellindustrial.com.au

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POWELL INDUSTRIAL PTY LTD ACN 010 035 346 1/76 Postle Street, Coopers Plains, Qld 4108

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