

PRODUCT CATALOGUE

VERSION 2



Industrial Hose. Fittings & Rubber Specialists



CHARTS & TABLES
> *Conversions & Equations*

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.

CONVERSION CHARTS & EQUATIONS

CHARTS &
TABLES

FITTINGS

PNEUMATICS

HOSE REELS

RUBBER

HYDRAULICS

ACCESSORIES &
CONSUMABLES

PRESSURE CONVERSIONS

PSI	kPa	BAR	Kg/cm	PSI	kPa	BAR	Kg/cm	PSI	kPa	BAR	Kg/cm	PSI	kPa	BAR	Kg/cm
10	69	0.7	0.7	260	1793	17.9	18.3	510	3516	35.2	35.9	760	5240	52.4	53.4
20	138	1.4	1.4	270	1862	18.6	19.2	520	3585	35.9	36.6	770	5309	53.1	54.1
30	207	2.1	2.1	280	1931	19.3	19.7	530	3654	36.5	37.3	780	5378	53.8	54.8
40	276	2.8	2.8	290	2000	20.0	20.4	540	3723	37.2	38.0	790	5447	54.5	55.5
50	345	3.4	3.5	300	2069	20.7	21.1	550	3792	37.9	38.7	800	5516	55.2	56.2
60	414	4.1	4.2	310	2137	21.4	21.8	560	3861	38.6	39.4	810	5585	55.8	56.9
70	483	4.8	4.9	320	2206	22.1	22.5	570	3930	39.3	40.1	820	5654	56.5	57.6
80	552	5.5	5.6	330	2275	22.8	23.2	580	3999	40.0	40.8	830	5723	57.2	58.3
90	621	6.2	6.3	340	2344	23.4	23.9	590	4068	40.7	41.5	840	5792	57.9	59.1
100	690	6.9	7.0	350	2413	24.1	24.6	600	4137	41.4	42.2	850	5861	58.6	59.8
110	758	7.6	7.7	360	2482	24.8	25.3	610	4206	42.1	42.9	860	5930	59.3	60.5
120	827	8.3	8.4	370	2551	25.5	26.0	620	4275	42.7	43.6	870	5999	60.0	61.2
130	896	9.0	9.1	380	2620	26.2	26.7	630	4344	43.4	44.3	880	6068	60.7	61.9
140	965	9.7	9.8	390	2689	26.9	27.4	640	4413	44.1	45.0	890	6137	61.4	62.6
150	1034	10.3	10.5	400	2758	27.6	28.1	650	4482	44.8	45.7	900	6206	62.1	63.3
160	1103	11.0	11.2	410	2827	28.3	28.8	660	4551	45.5	46.4	910	6274	62.7	64.0
170	1172	11.7	12.0	420	2896	29.0	29.5	670	4620	46.2	47.1	920	6343	63.4	64.7
180	1241	12.4	12.7	430	2965	29.6	30.2	680	4689	46.9	47.8	930	6412	64.1	65.4
190	1310	13.1	13.4	440	3034	30.3	30.9	690	4758	47.6	48.5	940	6481	64.8	66.1
200	1379	13.8	14.1	450	3103	31.0	31.6	700	4827	48.3	49.2	950	6550	65.5	66.8
210	1448	14.5	14.8	460	3172	31.7	32.3	710	4895	49.0	49.9	960	6619	66.5	67.5
220	1517	15.2	15.5	470	3241	32.4	33.0	720	4964	49.6	50.6	970	6688	66.9	68.2
230	1586	15.9	16.2	480	3310	33.1	33.7	730	5033	50.3	51.3	980	6757	67.6	68.9
240	1655	16.5	16.9	490	3379	33.8	34.4	740	5102	51.0	52.0	990	6826	68.3	69.6
250	1724	17.2	17.6	500	3448	34.5	35.2	750	5171	51.7	52.7	1000	6895	69.0	70.3

145 PSI = 1 mPa = 1000 kPa = 10 BAR

IMPERIAL TO METRIC

Fraction	Inches	mm	Fraction	Inches	mm	Fraction	Inches	mm	Fraction	Inches	mm	Fraction	Inches	mm
1/16	0.062	1.58	9/16	0.562	14.28	1 3/4	1.750	44.45	4 1/4	4.250	107.95	12	12.000	304.80
1/8	0.125	3.17	5/8	0.625	15.87	2	2.00	50.80	4 1/2	4.500	114.30	14	14.000	355.60
3/16	0.187	4.76	13/16	0.812	20.63	2 3/4	2.750	69.85	5 1/2	5.500	139.70			
1/4	0.250	6.35	7/8	0.875	22.22	3	3.000	76.20	6	6.000	152.50			
5/16	0.312	7.93	15/16	0.937	23.81	3 1/4	3.250	82.55	6 1/2	6.500	165.10			
3/8	0.375	9.52	1	1.000	25.40	3 1/2	3.500	88.90	7	7.000	177.80			
7/16	0.437	11.11	1 1/4	1.250	31.75	3 3/4	3.750	92.25	8	8.000	203.20			
1/2	0.500	12.70	1 1/2	1.500	38.10	4	4.000	101.60	10	10.000	254.00			

PULL TEST – FORCE TO PRESSURE CONVERSIONS

Hose ID (Inches)	Force in Pounds					
	50 psi	100 psi	150 psi	200 psi	250 psi	300 psi
1/4	2	5	7	10	12	15
3/8	6	11	17	22	28	33
1/2	10	20	29	39	49	59
3/4	22	44	66	88	110	133
1	39	79	118	157	196	236
1¼	61	123	184	245	307	368
1½	88	177	265	353	442	530
2	157	314	471	628	785	942
2½	245	491	736	982	1227	1473
3	353	707	1060	1414	1767	2121
4	628	1257	1885	2513	3142	3770
6	1414	282	4241	5655	7069	8482
8	2513	5027	7540	10053	12566	15080
10	3927	7854	11781	15708	19635	23562
12	5655	11310	16965	22620	28274	33929

TEMPERATURE CONVERSIONS

°C	°F	°C	°F	°C	°F
-200	-328	0	32	140	284
-180	-292	5	41	160	320
-160	-256	10	50	180	356
-140	-220	15	59	200	392
-120	-184	20	68	212	414
-100	-148	25	77	220	428
-90	-130	30	86	250	482
-80	-112	40	104	300	572
-70	-94	50	122	350	662
-60	-76	60	140	400	752
-50	-58	70	158	450	842
-40	-40	80	176	500	932
-30	-22	90	194	600	1112
-20	-4	100	212	700	1292
-10	14	120	248	800	1472

$$^{\circ}\text{F} = (^{\circ}\text{C} \times 1.8) + 32$$

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) \times 0.556$$

TO CONVERT A INTO B MULTIPLY BY C

VOLUME/TIME

A	B	C
US Gallons/Min	Litres/Sec	0.063
Cubic Feet/Min	Litres/Sec	0.472
Pounds/Hour	Kilograms/Hour	0.454
Kilograms/Hour	Pounds/Hour	2.205
Litres/Sec	Cubic Metres/Hour	3.60
Cubic Metres/Hour	Litres/Sec	0.278

PRESSURE

A	B	C
PSI	kPa	6.894
kPa	PSI	0.145
kPa	BAR	0.01
BAR	kPa	100
BAR	PSI	14.5
Ft of H ₂ O	PSI	0.4335
m of H ₂ O	kPa	9.807

VOLUME

A	B	C
Litres	Imp. Gallons	0.222
Litres	US Gallons	0.263
Imp. Gallons	Litres	4.50
US Gallons	Litres	3.785
US Gallons	Imp. Gallons	0.832
Imp. Gallons	US Gallons	1.20
Litres	Cubic Feet	0.035
Litres	Cubic Metres	0.001

LENGTH

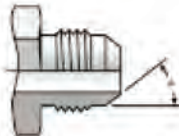

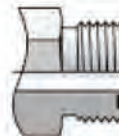

A	B	C
Metres	Feet	3.281
Metres	Yards	1.094
Millimetres	Inches	0.0394
Inches	Millimetres	25.4

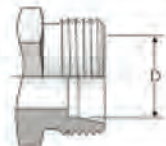



SPEED/VELOCITY

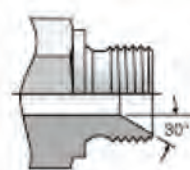
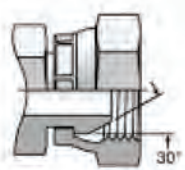


A	B	C
Feet/Sec	Metres/Min	18.29
Feet/Sec	Metres/Sec	0.305
Metres/Min	Feet/Min	0.055
Metres/Sec	Feet/Min	196.86

CONVERSION CHARTS & EQUATIONS

PROCEDURE FOR IDENTIFYING IMPERIAL THREADS

							
MALE FLARE		FEMALE FLARE		ORFS MALE		ORFS FEMALE	
JIC	A = 37°	JIC	A = 37°	ORFS		ORFS	
SAE	A = 45°	SAE	A = 45°	PARKER SEALOK		PARKER SEALOK	
KOMATSU*	A = 30°	KOMATSU*	A = 30°				
BSPP FLARE#	A = 30°	BSPP FLARE#	A = 30°				
* - KOMATSU = METRIC JIS				ORFS = O-RING FACE SEAL			
# - BSPP FLARE = IMPERIAL JIS							

							
METRIC EO MALE		METRIC EO FEMALE		PARALLEL MALE		TAPERED MALE	
METRIC L (LIGHT)		METRIC L (LIGHT)		UN O-RING (SAE-ORB)		BSPT	
METRIC S (HEAVY)		METRIC S (HEAVY)		BSPP		NPT	
FRENCH GAZ		FRENCH GAZ		METRIC		NPTF	
ISO		ISO					
D = TUBE SEAT = TUBE SIZE = DASH SIZE				PARALLEL THREADS REQUIRE O-RING, CAPTIVE SEAL OR DOWTY SEAL TO FORM SEAL			
FEMALE AVAILABLE WITH & WITHOUT O-RING							

							
60° CONE MALE		60° CONE FEMALE		FLANGE		FLANGE CLAMPS	
BSPP		BSPP		SAE CODE 61		SAE CODE 61	
		NPSM		SAE CODE 62		SAE CODE 62	
				CATERPILLAR		CATERPILLAR	
BOTH MALE & FEMALE HAVE PARALLEL THREADS				SAE CODE 62 & CATERPILLAR SHARE SAME OD ALWAYS CHECK THICKNESS AGAINST CHART			
FEMALE WILL MATE WITH TAPER OF SAME THREAD							

PROCEDURE FOR IDENTIFYING IMPERIAL THREADS

MALE

1. Measure Pitch
2. Measure Thread OD
3. Measure Tube Seat
4. Refer to Chart Below

FEMALE

1. Measure Pitch
2. Measure Thread ID
3. Add Pitch to ID = Male OD
4. Measure Tube Seat
5. Refer to Chart Below

Seal	30° Flare	24° Cone	24° Cone	24° Cone	24° Cone	60° Cone
	Measure Tube Seat					
OD x Pitch	KOMATSU	DIN L LIGHT	DIN S HEAVY	FRENCH GAZ	ISO	DIN 7631
M12 x 1.5		-6				-6
M14 x 1.5	-4	-8	-6			-8
M16 x 1.5		-10	-8			-10
M18 x 1.5	-6	-12	-10			-12
M20 x 1.5			-12	-13	-14	
M22 x 1.5	-8	-15	-14			-15
M24 x 1.5	-10		-16	-17		
M26 x 1.5		-18				-18
M27 x 1.5					-18	
M30 x 1.5	-12			-21	-22	-22
M30 x 2.0		-22	-20			
M33 x 1.5	-16				-25	
M33 x 2.0						
M36 x 1.5	-20			-27	-28	
M36 x 2.0		-28	-25			
M38 x 1.5						-28
M39 x 1.5					-30	
M39 x 2.0						
M42 x 1.5	-24				-32	
M42 x 2.0			-30			
M45 x 1.5				-33	-35	-35
M45 x 2.0		-35				
M48 x 1.5					-38	
M52 x 1.5				-42	-40	-42
M52 x 2.0		-42	-38			

STEPS TO IDENTIFY FLANGES - 1. Measure OD 2. Measure Thickness 3. Refer to Chart

Dash Size	Nom. Size	Code 61		Code 62		Caterpillar	
		OD	Thickness	OD	Thickness	OD	Thickness
-8	1/2"	1.188"	.265"	1.250"	.305"		
-10	5/8"	1.346"	.265"				
-12	3/4"	1.500"	.265"	1.625"	.345"	1.625"	.560"
-16	1"	1.750"	.315"	1.875"	.375"	1.875"	.560"
-20	1-1/4"	2.000"	.315"	2.125"	.405"	2.125"	.560"
-24	1-1/2"	2.375"	.315"	2.500"	.495"	2.500"	.560"

*- Caterpillar Flanges conform to the OD and bolt hole patterns of SAE Code 62 but require special flange halves and seals. Caterpillar Flanges are thicker than SAE Code 62 and measure .560" in all sizes

PROCEDURE FOR IDENTIFYING METRIC THREADS

1. Determine Seal Type										
2. Measure Thread & Confirm with Chart										
3. Confirm Thread Pitch										
IMPERIAL THREAD CHART										
TUBE ENDS										
Screw Pitch Gauge										
		JIC (UNF Thread)			SAE (UNF Thread)			ORFS (UNF Thread)		
		37° Flare			45° Flare or			O Ring Face Seal		
		TripleLok			45° Inverted Flare			SealLok		
		60° Flank Angle			60° Flank Angle			60° Flank Angle		
Dash Size	Tube OD	Thread	Male OD	Female ID	Thread	Male OD	Female ID	Thread	Male OD	Female ID
2	1/8"	5/16" x 24	.313"	.234"	5/16" x 24	.313"	.234"			
3	3/16"	3/8" x 24	.375"		3/8" x 24	.375"				
4	1/4"	7/16" x 20	.438"	.391"	7/16" x 20	.438"	.391"	9/16" x 18	.563"	.500"
5	5/16"	1/2" x 20	.500"	.453"	1/2" x 20	.500"	.453"			
6	3/8"	9/16" x 18	.563"	.500"	5/8" x 18	.625"	.563"	11/16" x 16	.688"	.625"
8	1/2"	3/4" x 16	.750"	.687"	3/4" x 18	.750"	.687"	13/16" x 16	.813"	.750"
10	5/8"	7/8" x 14	.875"	.805"	7/8" x 14	.875"	.805"	1" x 14	1.000"	.937"
12	3/4"	1-1/16" x 12	1.063"	.969"	1-1/16" x 14	1.063"	.984"	1-3/16" x 12	1.188"	1.095"
14	7/8"	1-3/16" x 12	1.188"	1.095"						
16	1"	1-5/16" x 12	1.313"	1.234"	1-5/16" x 12	1.313"	1.234"	1-7/16" x 12	1.438"	1.344"
20	1-1/4"	1-5/8" x 12	1.625"	1.547"	1-5/8" x 12	1.625"	1.547"	1-11/16" x 12	1.688"	1.594"
24	1-1/2"	1-7/8" x 12	1.875"	1.797"	1-7/8" x 12	1.875"	1.797"	2" x 12	2.000"	1.906"
32	2"	2-1/2" x 12	2.500"	2.422"	2-1/2" x 12	2.500"	2.422"			
PORT ENDS (** Note - BSP Can be Port or Tube End)										
Screw Pitch Gauge										
		SAE-ORB (UNF Thread)			National Pipe Thread			International Gauge		
		SAE Straight Thread			NPT, NPTF, NPSM			British Standard Pipe		
		UN-O Ring			60° Cone			60° Cone, 30° Flare		
		60° Flank Angle			60° Flank Angle			55° Flank Angle		
Dash Size	Tube OD	Thread	Male OD	Female ID	Thread	Male OD	Female ID	Thread	Male OD	Female ID
2	1/8"	5/16" x 24	.313"	.234"	1/8" x 27	.400"	.344"	1/8" x 28	.390"	.345"
3	3/16"	3/8" x 24	.375"							
4	1/4"	7/16" x 20	.438"	.391"	1/4" x 18	.563"	.456"	1/4" x 19	.532"	.456"
5	5/16"	1/2" x 20	.500"	.453"						
6	3/8"	9/16" x 18	.563"	.500"	3/8" x 18	.687"	.594"	3/8" x 19	.656"	.594"
8	1/2"	3/4" x 16	.750"	.687"	1/2" x 14	.832"	.750"	1/2" x 14	.825"	.735"
10	5/8"	7/8" x 14	.875"	.805"				5/8" x 14	.906"	.818"
12	3/4"	1-1/16" x 12	1.063"	.969"	3/4" x 14	1.063"	.961"	3/4" x 14	1.051"	.961"
14	7/8"	1-3/16" x 12	1.188"	1.095"						
16	1"	1-5/16" x 12	1.313"	1.234"	1" x 11.5	1.313"	1.187"	1" x 11	1.313"	1.187"
20	1-1/4"	1-5/8" x 12	1.625"	1.547"	1-1/4" x 11.5	1.687"	1.563"	1-1/4" x 11	1.656"	1.531"
24	1-1/2"	1-7/8" x 12	1.875"	1.797"	1-1/2" x 11.5	1.906"	1.750"	1-1/2" x 11	1.875"	1.781"
32	2"	2-1/2" x 12	2.500"	2.422"	2" x 11.5	2.375"	2.250"	2" x 11	2.345"	2.219"

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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Imagery used in this catalogue is as a guide only and may not depict the actual product stocked. All product specifications are subject to supplier changes.
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Industrial Hose, Fittings & Rubber Specialists