



RP WALLIS WHOLESALE

Truck, Bus, Earthmoving, & Ag Spares For Over 47 Years

RP Wallis Wholesale
has been a leading OE and aftermarket
parts supplier to the heavy transportation,
earthmoving, agricultural, industrial,
marine, and 4X4 parts industries
for over 47 years



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RP Wallis Wholesale Pty Ltd has been operating in the heavy transportation, earthmoving, agricultural, industrial, marine, and 4X4 parts industries for over 47 years. The company is a privately owned independent parts distributor and has built up a name within the afore-said industries that is both extremely well known and respected.



R.P. Wallis was started in 1963 and was the first company in Australia to import and distribute Flexfab's Range of Silicone products as well as Gates range of hoses and belts (including the "Green-stripe" range) on a national basis. For many years the name R.P. Wallis has been inextricably linked with Silicone, Rubber hosing and belting, as well as Filtration Products.



Besides the Flexfab range of Silicone Hosing, R.P. Wallis currently carries an extensive range of Fleetguard Filtration plus associated hardware. In addition, a comprehensive range of Fleetguard Exhaust product is kept on hand. Gates industrial product lines are also stocked for immediate availability. RP Wallis carries the Breeze clamp range and is by far the largest distributor of Breeze clamps in Australia.



R.P. Wallis has maximized its position as a distributor in the market segments mentioned, by creating a niche in which it is extremely successful. This has been achieved by offering a value package in terms of parts availability, technical expertise, superior quality, competitive pricing, and service excellence that cannot be beaten.



The company head office is located in Melbourne and has warehouses in both Melbourne and Sydney. The company exports and imports goods on a regular basis and has forged strong relationships with its various trading partners.





Silicone Hose Characteristics

Why would you design or produce a part made of silicone rubber when so many other elastomers are available? A primary reason is reliability... the ability to perform not only under normal demanding conditions, but also in the severe extremes of industry, environment, temperature and voltage. Silicone rubber components have a useful life that is far superior under conditions that would cause the deterioration of many parts made of typical organic materials.

Silicone rubber has tremendous resistance to temperature extremes. Under certain conditions, temperatures as high as 600°F (316°C) or as low as -150°F (-101°C) do not destroy its physical and electrical properties. silicone rubber retains a far higher tensile strength, ultimate elongation, and tear resistance, and less compression set at elevated and reduced temperatures than do many organic rubbers. Elasticity is retained at temperatures as low as -150°F... where parts made from other elastomers would simply shatter apart when dropped.

Silicone rubber, a good non-conductive insulating material, can be compounded with proper additives to produce a wide range of electrical insulating properties. Electrical failure occurs when the environment destroys the physical properties of the elastomer. However, silicone rubber with its excellent resistance to severe environmental conditions, provides constant electrical insulation properties much longer than other elastomeric materials. The dielectric breakdown for silicone rubber is between 400 and 700 volts/mil depending on the compound.

Silicone rubber is superior to other elastomers in its resistance to compression set (deformation). It shows a marked superiority at both high and low temperatures. This is particularly important when a silicone rubber part is used as either a diaphragm, impact absorber, bellows or in other applications where the component is placed under pressure or is flexed.

Silicone rubber is odorless and tasteless. It is very stable and does not contain sulfur or other acid producing chemicals that generate outgassing. It also does not cause staining, corrosion or deterioration of other materials. Silicone rubber will not support the growth of fungus, mold or bacteria.

Silicone rubber has an excellent resistance to many chemicals, fluids and oils commonly encountered in service. Its resistance to chemicals is particularly useful at temperatures which prevent the use of other materials. silicone rubber also has excellent resistance to chemicals normally found in the soil. Fluorosilicone with its unique properties, provides resistance to many fuels, oils and solvents, including gasoline. Examples of some chemicals that silicone rubber is resistant to are:

ASTM#1	<i>Citric Acid</i>
Heavy Water	<i>Detergent, Water Solution</i>
Ethylene Glycol (anti-freeze)	<i>Potassium Chloride</i>
Sodium Hydroxide, 3 mole	<i>Methanol</i>
Natural Gas	<i>Oxygen, Cold</i>
Vegetable Oil	<i>Water Zinc Salts</i>

Extensive weathering tests have shown that silicone rubber substantially resists the deteriorating effects of sunlight, ozone, rain water and atmospheric gases which cause weathering. Even very dry conditions coupled with harsh sunlight will not dry out or have an affect on silicone rubber.

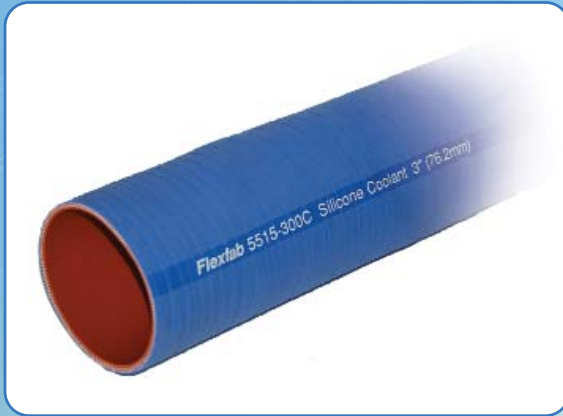
Silicone rubber is noted for its water resistance. It has an extremely low degree of water absorption and its mechanical properties show minimal change, even after long periods of immersion. After four years of undersea exposure, at a depth of 4,350 feet, silicone rubber samples showed little change in appearance or properties compared to shelf-aged, control samples. At low or moderate pressure, silicone rubber is hardly affected by steam.

To some extent, silicone rubber is inherently flame retardant and most formulations will pass UL 94 HB. Some compounds have approval for use where flame retardant materials are required and must meet the UL 94V-0 rating.





COOLANT HOSE 3 PLY 5515 SERIES BLUE



This 3 ply silicone coolant hose is designed for heavy-duty pressure connections in hostile engine environments. It has a continuous operating temperature range of -54 degrees C to +177 degrees C. It resists hardening, cracking, cold, leaks, aging, steam, and many chemicals. Meets or exceeds operating requirements of SAE J20 R1 Class A custom wall. TMC RP303B Class 1 Grade 2 and most OEM truck manufacturers specifications.

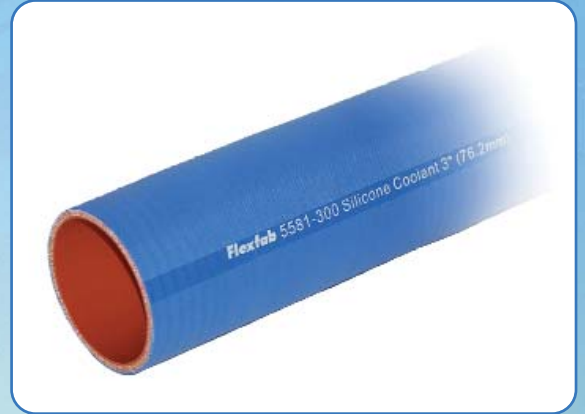
(note: is resistant to coolant additives)

Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Length
5515-050	12.7mm	0.50"	3 Ply	500	1 meter
5515-062	16mm	0.62"	3 Ply	485	1 meter
5515-075	19mm	0.75"	3 Ply	475	1 meter
5515-088	22mm	0.88"	3 Ply	465	1 meter
5515-100	25.4mm	1.00"	3 Ply	450	1 meter
5515-112	29mm	1.12"	3 Ply	435	1 meter
5515-125	32mm	1.25"	3 Ply	425	1 meter
5515-138	35mm	1.38"	3 Ply	400	1 meter
5515-150	38mm	1.50"	3 Ply	375	1 meter
5515-162	42mm	1.62"	3 Ply	350	1 meter
5515-175	45mm	1.75"	3 Ply	300	1 meter
5515-188	48mm	1.88"	3 Ply	260	1 meter
5515-200	51mm	2.00"	3 Ply	250	1 meter
5515-212	54mm	2.12"	3 Ply	235	1 meter
5515-225	57mm	2.25"	3 Ply	225	1 meter
5515-238	60mm	2.38"	3 Ply	210	1 meter
5515-250	63mm	2.50"	3 Ply	200	1 meter
5515-262	67mm	2.62"	3 Ply	200	1 meter
5515-275	70mm	2.75"	3 Ply	200	1 meter
5515-300	76mm	3.00"	3 Ply	200	1 meter
5515-325	82mm	3.25"	3 Ply	175	1 meter
5515-350	89mm	3.50"	3 Ply	150	1 meter
5515-375	95mm	3.75"	3 Ply	135	1 meter
5515-400	102mm	4.00"	3 Ply	125	1 meter
5515-450	114mm	4.50"	3 Ply	100	1 meter
5515-500	127mm	5.00"	3 Ply	90	1 meter
5515-600	152mm	6.00"	3 Ply	75	1 meter



COOLANT HOSE 4 PLY 5581 SERIES BLUE

Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Length
5581-050	12.7mm	0.50"	4 Ply	600	1 meter
5581-062	16mm	0.63"	4 Ply	585	1 meter
5581-075	19mm	0.75"	4 Ply	575	1 meter
5581-088	22mm	0.88"	4 Ply	560	1 meter
5581-100	25.4mm	1.00"	4 Ply	550	1 meter
5581-125	32mm	1.25"	4 Ply	500	1 meter
5581-150	38mm	1.50"	4 Ply	450	1 meter
5581-175	45mm	1.75"	4 Ply	400	1 meter
5581-200	51mm	2.00"	4 Ply	400	1 meter
5581-225	54mm	2.25"	4 Ply	350	1 meter
5581-250	63mm	2.50"	4 Ply	300	1 meter
5581-275	70mm	2.75"	4 Ply	275	1 meter
5581-300	76mm	3.00"	4 Ply	250	1 meter
5581-325	82mm	3.25"	4 Ply	325	1 meter
5581-350	89mm	3.50"	4 Ply	200	1 meter
5581-375	95mm	3.75"	4 Ply	175	1 meter
5581-400	102mm	4.00"	4 Ply	150	1 meter
5581-450	114mm	4.50"	4 Ply	150	1 meter
5581-500	127mm	5.00"	4 Ply	125	1 meter
5581-550	140mm	5.50"	4 Ply	100	1 meter
5581-600	152mm	6.00"	4 Ply	100	1 meter
5581-700	178mm	7.00"	4Ply	75	1 meter



4-ply silicone coolant hose reinforced with woven fibreglass at a 45 degree bias layup and coated with specially compounded silicone elastomer. This silicone hose is used in heavy-duty pressure connections in hostile environments. Resists hardening, cracking, cold, leaks, aging, steam, and many chemicals. Has a temperature range of -54 degrees C to +177 degrees C. Meets or exceeds operating requirements of SAE J20 R3 Class A custom wall. TMC RP303B Class 1 Grade 1 and most OEM truck manufacturers specifications.



PERFORMANCE STRAIGHT HOSE 8002 SERIES BLUE



This straight performance hose standard jacket color is blue. Reinforcement is 3Ply of Polyester. Temperature Range is -40 degrees C to +180 degrees C. Burst pressure is as per SAE J20 R1. Working pressure is 0.3 of Burst pressure.

Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Length
FLX8002-050	12.7mm	0.50"	3 Ply	160	1 meter
FLX8002-062	16mm	0.62"	3 Ply	152	1 meter
FLX8002-075	19mm	0.75"	3 Ply	145	1 meter
FLX8002-088	22mm	0.88"	3 Ply	137	1 meter
FLX8002-100	25.4mm	1.00"	3 Ply	137	1 meter
FLX8002-125	32mm	1.25"	3 Ply	130	1 meter
FLX8002-138	35mm	1.38"	3 Ply	123	1 meter
FLX8002-150	38mm	1.50"	3 Ply	123	1 meter
FLX8002-162	41mm	1.62"	3 Ply	116	1 meter
FLX8002-175	45mm	1.75"	3 Ply	116	1 meter
FLX8002-188	48mm	1.88"	3 Ply	108	1 meter
FLX8002-200	51mm	2.00"	3 Ply	108	1 meter
FLX8002-212	54mm	2.12"	3 Ply	101	1 meter
FLX8002-225	57mm	2.25"	3 Ply	101	1 meter
FLX8002-238	60mm	2.38"	3 Ply	94	1 meter
FLX8002-250	63mm	2.50"	3 Ply	94	1 meter
FLX8002-275	70mm	2.75"	3 Ply	87	1 meter
FLX8002-300	76mm	3.00"	3 Ply	79	1 meter
FLX8002-325	82mm	3.25"	3 Ply	72	1 meter
FLX8002-350	89mm	3.50"	3 Ply	65	1 meter

TURBO HOSE 3 PLY 7701 SERIES IRON OXIDE RED



This 3 Ply silicone turbo hose is designed for connection between the turbo-charger and the engine. It has a continuous operating temperature range of -65 degrees C to +260 degrees C. It resists hardening, cracking, cold, leaks, aging, steam, and coolants.

Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Length
7701-100	25.4mm	1.00"	3 Ply	135	1 meter
7701-150	38mm	1.50"	3 Ply	120	1 meter
7701-163	42mm	1.62"	3 Ply	105	1 meter
7701-175	45mm	1.75"	3 Ply	105	1 meter
7701-200	51mm	2.00"	3 Ply	105	1 meter
7701-225	57mm	2.25"	3 Ply	95	1 meter
7701-238	60mm	2.38"	3 Ply	90	1 meter
7701-250	63mm	2.50"	3 Ply	90	1 meter
7701-263	67mm	2.62"	3 Ply	80	1 meter
7701-275	70mm	2.75"	3 Ply	80	1 meter
7701-300	76mm	3.00"	3 Ply	75	1 meter
7701-325	82mm	3.25"	3 Ply	65	1 meter
7701-338	86mm	3.38"	3 Ply	60	1 meter
7701-350	89mm	3.50"	3 Ply	60	1 meter
7701-375	95mm	3.75"	3 Ply	50	1 meter
7701-400	102mm	4.00"	3 Ply	45	1 meter
7701-550	140mm	5.50"	3 Ply	25	1 meter



TURBO HOSE 4 PLY 7702 SERIES IRON OXIDE RED

Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Length
FLX7702-200	51mm	2.00"	4 Ply	135	1 meter
FLX7702-225	57mm	2.25"	4 Ply	125	1 meter
FLX7702-250	63mm	2.50"	4 Ply	115	1 meter
FLX7702-275	70mm	2.75"	4 Ply	100	1 meter
FLX7702-300	76mm	3.00"	4 Ply	90	1 meter
FLX7702-325	82mm	3.25"	4 Ply	80	1 meter
FLX7702-350	89mm	3.50"	4 Ply	75	1 meter
FLX7702-400	102mm	4.00"	4 Ply	60	1 meter
FLX7702-500	127mm	5.00"	4 Ply	35	1 meter



This 4 Ply silicone turbo hose is designed for connection between the turbo-charger and the engine. It has a specially compounded silicone elastomer inner liner, nominal thickness .010", reinforced with woven fiberglass fabric applied on a 45 degree bias layup and coated with silicone rubber. It has a continuous operating temperature range of -65 degrees C to +260 degrees C. It resists hardening, cracking, cold, leaks, aging, steam, and coolants.

ALUMINIZED SLEEVED FLUROSILICONE HOSE

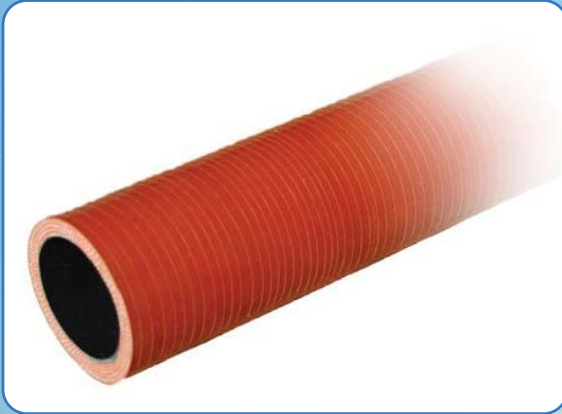
Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Length
5515-100/HS	25.4mm	1"	3 Ply	130	1 meter
5515-200/HS	51mm	2"	3 Ply	130	1 meter
5515-250/HS	63mm	2.50"	3 Ply	130	1 meter
5515-300/HS	76mm	3.00"	3 Ply	130	1 meter



This specialized hose has a woven meta-aramid fabric constructed wall. Wall thickness is 4mm in the 1" and 2" diameter lengths, and 5 mm in the 2.5" and 3" diameter lengths. This hose has a black fluoro-silicone liner and an iron oxide red outer, which is sleeved with an Aluminized heat-shield. This hose is typically used in engine environments where ambient temperatures are extremely high. It has a 43 PSI working pressure and a temperature range of -40 Degrees C to +250 degrees C.



OIL RESISTANT TURBO DRAIN HOSE IRON OXIDE RED



Part Number	ID (mm)	ID (inch)	Construction	Standard Length
5581-075/OIL	19mm	0.75"	4 Ply	1 meter
5581-088/OIL	22mm	0.88"	4 Ply	1 meter
5581-100/OIL	25.4mm	1.00"	4 Ply	1 meter

This Fluorosilicone lined hose has been designed to meet the EPA 2007 and EURO IV & V requirements for reduced emissions. The fluorosilicone lining in this product allows this to be used as an oil resistant hose. Most commonly used in high heat turbo, oil-drain applications rated up to 257°C (495°F)

90 DEGREE COOLANT ELBOWS RPW SERIES SHINY BLUE



Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Leg Length
RPW90X050	12.7mm	0.50"	3 Ply	SAE J20 R1	101mm
RPW90X062	16mm	0.62"	3 Ply	SAE J20 R1	101mm
RPW90X075	19mm	0.75"	3 Ply	SAE J20 R1	101mm
RPW90X1.00	25.4mm	1.00"	3 Ply	SAE J20 R1	101mm
RPW90X1.25	32mm	1.25"	3 Ply	SAE J20 R1	101mm
RPW90X1.50	38mm	1.50"	3 Ply	SAE J20 R1	101mm
RPW90X1.75	45mm	1.75"	3 Ply	SAE J20 R1	101mm
RPW90X2.00	51mm	2.00"	3 Ply	SAE J20 R1	101mm
RPW90X2.25	57mm	2.25"	3 Ply	SAE J20 R1	101mm
RPW90X2.50	63mm	2.50"	3 Ply	SAE J20 R1	125mm
RPW90X2.75	70mm	2.75"	3 Ply	SAE J20 R1	127mm
RPW90X3.00	76mm	3.00"	3 Ply	SAE J20 R1	203mm
RPW90X3.25	83mm	3.25"	3 Ply	SAE J20 R1	203mm
RPW90X3.50	89mm	3.50"	3 Ply	SAE J20 R1	152mm
RPW90X4.00	102mm	4.00"	3 Ply	SAE J20 R1	203mm

Materials and construction meet SAE J20R4 Class A silicone for radiator hose and SAE J20R3 for heater hose. Standard jacket color is blue. Reinforcement is a knitted aramid yarn. R4 Inside Diameter tolerance is +/- 0.8mm for hose sizes less than 70mm and +/- 1.6mm for hose sizes 70mm and larger. R3 Inside Diameter and wall thickness tolerance is hose size specific. Refer to SAE J20. R4 Wall Thickness is 4.95mm +/- 0.65mm for hose sizes smaller than 50.8mm and 5.35mm +/- 1.05mm for hose sizes 50.8mm and larger. Wall thickness is measured 4 places 90 degrees apart and averaged per SAE J20. Wall thickness in the bend area of a curved hose may differ from the wall in the straight section by no more than 33% of SAE J20



PERFORMANCE 90 DEGREE COOLANT ELBOWS BSH SERIES BLUE

Part Number	ID (mm)	ID (inch)	Construction	Standard Leg Length
BSH90X050	12.7mm	0.50"	3 Ply	102mm
BSH90X062	16mm	0.62"	3 Ply	102mm
BSH90X088	22mm	0.88"	3 Ply	102mm
BSH90X075	19mm	0.75"	3 Ply	102mm
BSH90X1.00	25.4mm	1.00"	3 Ply	102mm
BSH90X1.25	32mm	1.25"	3 Ply	102mm
BSH90X1.38	35mm	1.38"	3 Ply	102mm
BSH90X1.50	38mm	1.50"	3 Ply	102mm
BSH90X1.75	44mm	1.75"	3 Ply	102mm
BSH90X1.88	48mm	1.88"	3 Ply	102mm
BSH90X2.00	51mm	2.00"	3 Ply	102mm
BSH90X2.12	54mm	2.12"	4 Ply	102mm
BSH90X2.25	57mm	2.25"	4 Ply	102mm
BSH90X2.38	60mm	2.38"	4 Ply	102mm
BSH90X2.50	63mm	2.50"	4 Ply	102mm
BSH90X2.75	70mm	2.75"	4 Ply	102mm
BSH90X3.00	76mm	3.00"	4 Ply	102mm



Standard jacket color is blue. Reinforcement is 3 Ply of Polyester (for ID between 8.0mm to 51.0mm.) and 4 Ply of Polyester (for ID between 54.0mm to 76.0mm.) Temperature Range is -40 degrees C to 180 degrees C. Burst pressure is 3 X Working pressure. Working pressure is 2.5 Bar Max. Leg size is 102mm.

45 DEGREE COOLANT ELBOWS RPW SERIES SHINY BLUE

Part Number	ID (mm)	ID (inch)	Construction	Standard Leg Length
RPW45X050	12.7mm	0.50"	3 Ply	200mm
RPW45X062	16mm	0.62"	3 Ply	200mm
RPW45X075	19mm	0.75"	3 Ply	200mm
RPW45X1.00	32mm	1.25"	3 Ply	200mm
RPW45X1.25	32mm	1.25"	3 Ply	200mm
RPW45X1.50	38mm	1.50"	3 Ply	200mm
RPW45X1.75	45mm	1.75"	3 Ply	200mm
RPW45X100	25.4mm	1.00"	3 Ply	200mm
RPW45X2.00	51mm	2.00"	3 Ply	200mm
RPW45X2.25	57mm	2.25"	3 Ply	200mm
RPW45X2.50	63mm	2.50"	3 Ply	200mm
RPW45X2.75	70mm	2.75"	3 Ply	200mm
RPW45X3.00	76mm	3.00"	3 Ply	200mm
RPW45X3.25	83mm	3.25"	3 Ply	200mm
RPW45X3.50	89mm	3.50"	3 Ply	200mm
RPW45X4.00	102mm	4.00"	3 Ply	200mm



Materials and construction meet SAE J20R4 Class A silicone for radiator hose and SAE J20R3 for heater hose. Standard jacket color is blue. Reinforcement is a knitted aramid yarn. R4 Inside Diameter tolerance is +/- 0.8mm for hose sizes less than 70mm and +/- 1.6mm for hose sizes 70mm and larger. R3 Inside Diameter and wall thickness tolerance is hose size specific. Refer to SAE J20. R4 Wall Thickness is 4.95mm +/- 0.65mm for hose sizes smaller than 50.8mm and 5.35mm +/- 1.05mm for hose sizes 50.8mm and larger. Wall thickness is measured 4 places 90 degrees apart and averaged per SAE J20. Wall thickness in the bend area of a curved hose may differ from the wall in the straight section by no more than 33% per SAE J20

In addition to the products in this catalogue, RP Wallis Wholesale and Flexfab are able to design & manufacture custom moulded silicone hose as per requirement

Flexfab



PERFORMANCE 45 DEGREE COOLANT ELBOWS BSH SERIES BLUE



Part Number	ID (mm)	ID (inch)	Construction	Standard Leg Length
BSH45X050	12.7mm	0.50"	3 Ply	102mm
BSH45X062	16mm	0.62"	3 Ply	102mm
BSH45X075	19mm	0.75"	3 Ply	102mm
BSH45X100	25.4mm	1.00"	3 Ply	102mm
BSH45X1.25	32mm	1.25"	3 Ply	102mm
BSH45X1.50	38mm	1.50"	3 Ply	102mm
BSH45X2.00	51mm	2.00"	3 Ply	102mm
BSH45X2.25	57mm	2.25"	4 Ply	102mm
BSH45X2.50	63mm	2.50"	4 Ply	102mm
BSH45X2.75	70mm	2.75"	4 Ply	102mm
BSH45X3.00	76mm	3.00"	4 Ply	102mm

Standard jacket color is blue. Reinforcement is 3 Ply of Polyester (for ID between 8.0mm to 51.0mm.) and 4 Ply of Polyester (for ID between 54.0mm to 76.0mm.) Temperature Range is -40 degrees C to 180 degrees C. Burst pressure is 3 X Working pressure Working pressure is 2.5 Bar Max. Leg size is 102mm.

90 DEGREE COOLANT REDUCING ELBOWS RPW SERIES SHINY BLUE



Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Leg Length
RPW90RED2.5-2	63mm X 51mm	2.50" X 2.00"	3 Ply	SAE J20 R1	125mm
RPW90RED3-2	76mm X 51mm	3.00" X 2.00"	3 Ply	SAE J20 R1	203mm
RPW90RED3-2.38	76mm X 60mm	3.00" X 2.38"	3 Ply	SAE J20 R1	203mm
RPW90RED3-2.5	76mm X 63mm	3.00" X 2.50"	3 Ply	SAE J20 R1	203mm
RPW90RED4-3	102mm X 76mm	4.00" X 3.00"	3 Ply	SAE J20 R1	203mm
RPW90RED4-3.5	102mm X 89mm	4.00" X 3.50"	3 Ply	SAE J20 R1	203mm

Materials and construction meet SAE J20R4 Class A silicone for radiator hose and SAE J20R3 for heater hose. Standard jacket color is blue. Reinforcement is a knitted aramid yarn. R4 Inside Diameter tolerance is +/- 0.8mm for hose sizes less than 70mm and +/- 1.6mm for hose sizes 70mm and larger. R3 Inside Diameter and wall thickness tolerance is hose size specific. Refer to SAE J20. R4 Wall Thickness is 4.95mm +/- 0.65mm for hose sizes smaller than 50.8mm and 5.35mm +/- 1.05mm for hose sizes 50.8mm and larger. Wall thickness is measured 4 places 90 degrees apart and averaged per SAE J20. Wall thickness in the bend area of a curved hose may differ from the wall in the straight section by no more than 33% of SAE J20



90 DEGREE TURBO ELBOWS FLX SERIES IRON OXIDE RED

Part Number	ID (mm)	ID (inch)	Construction
FLX90X4.00T	102mm ID x 102mm LEGS	4.00" ID X 4.00" LEGS	4 Ply
FLX7708-0001	25.4mm ID X 133mm LEGS	1.00" ID X 5.25" LEGS	4 Ply
FLX7708-0002	38mm ID X 445mm LEGS	1.50" ID X 17.50" LEGS	4 Ply
FLX7708-0004	76mm ID X 510mm LEGS	3.00" ID X 20.00" LEGS	4 Ply

This 4 Ply Silicone 90 degree molded hose is designed for connection between the turbo-charger and the engine. It has a specially compounded silicone elastomer inner liner, and reinforced with woven fiberglass fabric applied on a 45 degree bias layup and coated with silicone rubber. It has a continuous operating temperature range of -65 degrees C to +260 degrees C. It resists hardening, cracking, cold, leaks, aging, steam, and coolants.



45 DEGREE TURBO ELBOWS FLX SERIES IRON OXIDE RED

Part Number	ID (mm)	ID (inch)	Construction
FLX45RPW001	102mm ID X 63mm LEGS	4.00" ID X 2.50" LEGS	4 Ply
FLX45X2.50T	63mm ID X 195mm LEGS	2.50" ID X 7.70" LEGS	4 Ply
FLX45X4.00T	102mm ID X 63mm LEGS	4.00" ID X 2.50" LEGS	4 Ply

This 4 Ply Silicone 45 degree molded hose is designed for connection between the turbo-charger and the engine. It has a specially compounded silicone elastomer inner liner, and reinforced with woven fiberglass fabric applied on a 45 degree bias layup and coated with silicone rubber. It has a continuous operating temperature range of -65 degrees C to +260 degrees C. It resists hardening, cracking, cold, leaks, aging, steam, and coolants.



90 DEGREE FLUOROCARBON ELBOWS FLX SERIES IRON OXIDE RED

Part Number	ID (mm)	ID (inch)	Construction	Standard Leg Length
FLX90X3.50F	89mm	3.50"	4 Ply	200m

This fluorocarbon lined elbow has been designed to meet the EPA 2007 and EURO IV & V requirements for reduced emissions. The fluorocarbon lining eliminates closed crankcase vapors from permeating through the sidewall at 495°F (257°C). This may be used as an oil resistant hose.





HEATER HOSE 5526 SERIES BLUE



This Silicone heater hose is designed for heavy-duty pressure connections in hostile engine environments. It has a continuous operating temperature range of -54 degrees C to +177 degrees C. It resists hardening, cracking, cold, leaks, aging, steam, and many chemicals.. Meets or exceeds operating requirements of SAE J20 R1 Class A custom wall. TMC RP303B Class 1 Grade 2 and most OEM truck manufacturers specifications.
 (note: is resistant to coolant additives)

Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Length
5526-025/25	6mm	1/4"	Extruded	250	25 feet
5526-025/50	6mm	1/4"	Extruded	250	50 feet
5526-025/FT	6mm	1/4"	Extruded	250	1 feet
5526-025/800	6mm	1/4"	Extruded	250	800 feet
5526-031/25	8mm	5/16"	Extruded	250	25 feet
5526-031/50	8mm	5/16"	Extruded	250	50 feet
5526-031/FT	8mm	5/16"	Extruded	250	1 feet
5526-031/600	8mm	1/4"	Extruded	250	600 feet
5526-038/25	10mm	3/8"	Extruded	250	25 feet
5526-038/50	10mm	3/8"	Extruded	250	50 feet
5526-038/FT	10mm	3/8"	Extruded	250	1 feet
5526-038/600	10mm	3/8"	Extruded	250	600 feet
5526-050/25	12.7mm	1/2"	Extruded	250	25 feet
5526-050/50	12.7mm	1/2"	Extruded	250	50 feet
5526-050/FT	12.7mm	1/2"	Extruded	250	1 feet
5526-050/500	12.7mm	1/2"	Extruded	250	500 feet
5526-062/25	16mm	5/8"	Extruded	250	25 feet
5526-062/50	16mm	5/8"	Extruded	250	50 feet
5526-062/FT	16mm	5/8"	Extruded	250	1 feet
5526-062/400	16mm	5/8"	Extruded	250	400 feet
5526-075/25	19mm	3/4"	Extruded	200	25 feet
5526-075/50	19mm	3/4"	Extruded	200	50 feet
5526-075/FT	19mm	3/4"	Extruded	200	1 feet
5526-075/300	19mm	3/4"	Extruded	200	300 feet
5526-088/25	22mm	7/8"	Extruded	200	25 feet
5526-088/50	22mm	7/8"	Extruded	200	50 feet
5526-088/FT	22mm	7/8"	Extruded	200	1 feet
5526-088/200	22mm	7/8"	Extruded	200	200 feet
5526-100/25	25.4mm	1"	Extruded	175	25 feet
5526-100/50	25.4mm	1"	Extruded	175	50 feet
5526-100/FT	25.4mm	1"	Extruded	175	1 feet
5526-100/200	25.4mm	1"	Extruded	175	200 feet
5526-125/25	32mm	1 1/4"	Extruded	175	25 feet
5526-125/50	32mm	1 1/4"	Extruded	175	50 feet
5526-125/FT	32mm	1 1/4"	Extruded	175	1 feet
5526-125/150	32mm	1 1/4"	Extruded	175	150 feet



INTERCOOLER BELLOWS FLX SERIES IRON OXIDE RED

Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Length
RPW006	63mm	2.50"	4 Ply		127mm
FLX7731-0001	76mm	3.00"	4 Ply	60	152mm
FLX7732-0001	89mm	3.50"	4 Ply	55	152mm
FLX7880	89mm	3.50"	4 Ply		152mm
FLX7715-0002	102mm	4.00"	4 Ply	50	152mm
FLX7727-0001	102mm	4.00"	4 Ply	50	203mm
FLX7796	102mm	4.00"	4 Ply		152mm
FLX7715-0001	102mm	4.00"	4 Ply	25	152mm
FLX7735	102mm X 114mm	4.00" X 4.50"	4 Ply		152mm
FLX7742-0001	114mm	4.50"	4 Ply	45	152mm
FLX7797	127mm	5.00"	4 Ply		152mm



Convuluted Charge air hose - 4 ply Nomex Iron Oxide Red - hot side. For superior connection between engine mounted charge air system components. Ideal for handling slight misalignments and isolating vibration between hose ends. 3" TO 5" ID Various lengths. Temperature range is -65 degrees C to +260 degrees C

INTERCOOLER BELLOWS FLUOROCARBON LINED META-ARAMID

Part Number	ID (mm)	ID (inch)	Construction	Burst Pressure (psi)	Standard Length
FLUOR7735	102mm X 114mm	4.00" X 4.50"	4 Ply	*	152mm
FLUOR07715	102mm	4.00"	4 Ply	50	152mm
FLUOR07731	76mm	3.00"	4 Ply	60	152mm
FLUOR07732	89mm	3.50"	4 Ply	55	152mm
FLUOR07742	114mm	4.50"	4 Ply	45	152mm



Charge Air Bellows are used on diesel truck engines to deliver pressure intake air through the charge air intercooler into the intake manifold. Meta-aramid reinforcement is required since the temperature of the turbocharger outlet is approximately 260 degrees C. Fluorocarbon lining is used inside the bellows since exhaust gases and/or oil vapors are also recycled through the bellows. Temperature Range is 260 degrees C (internal) to 130 degrees C (external). These bellows have a black fluorocarbon liner and an iron oxide red outer cover.



HUMP COOLANT HOSE BLUE



Part Number	ID (mm)	ID (inch)	Construction	Standard Length
HH2.00	51mm X 130mm	2.00" X 5.12"	3 Ply	130mm
HH2.38	60mm X 160mm	2.38" X 6.30"	3 Ply	160mm
HH2.50	63mm X 130mm	2.50" X 5.12"	3 Ply	130mm
HH3.00	76mm X 178mm	3.00" X 7.00"	3 Ply	178mm
HH3.50	89mm X 200mm	3.50" X 7.85"	3 Ply	200mm

Materials and construction meet SAE J20R4 Class A silicone for radiator hose and SAE J20R3 for heater hose. Standard jacket color is blue. Reinforcement is a knitted aramid yarn. R4 Inside Diameter tolerance is +/- 0.8mm for hose sizes less than 70mm and +/- 1.6mm for hose sizes 70mm and larger. R3 Inside Diameter and wall thickness tolerance is hose size specific. Refer to SAE J20. R4 Wall Thickness is 4.95mm +/- 0.65mm for hose sizes smaller than 50.8mm and 5.35mm +/- 1.05mm for hose sizes 50.8mm and larger. Wall thickness is measured 4 places 90 degrees apart and averaged per SAE J20.

TURBO HUMP HOSE IRON OXIDE RED



Part Number	ID (mm)	ID (inch)	Construction	Standard Length
HH2.00T	51mm	2.00"	3 Ply	130mm
HH2.50T	63mm	2.50"	3 Ply	165mm

This 3 Ply Silicone Turbo Hump hose is designed for connection between the turbo-charger and the engine. It has a specially compounded silicone elastomer construction. It has a continuous operating temperature range of -65 degrees C to +260 degrees C. It resists hardening, cracking, cold, leaks, aging, steam, and coolants.



REDUCER COOLANT BLUE

Part Number	ID (mm)	ID (inch)	Construction	Standard Length
RPWRED2-1.50	51mm X 38mm	2.00" X 1.50"	3 Ply	150mm
RPWRED2-1.75	51mm X 44mm	2.00" X 1.75"	3 Ply	150mm
RPWRED2-2.25	51mm X 57mm	2.00" X 2.25"	3 Ply	150mm
RPWRED2.5-2	63mm X 51mm	2.50" X 2.00"	3 Ply	150mm
RPWRED2.5-2.25	63mm X 57mm	2.50" X 2.25"	3 Ply	150mm
RPWRED2.75-2.25	70mm X 57mm	2.75" X 2.25"	3 Ply	150mm
RPWRED2.75-2.5	70mm X 63mm	2.75" X 2.50"	3 Ply	150mm
RPWRED3-2	76mm X 51mm	3.00" X 2.00"	3 Ply	150mm
RPWRED3-2.5	76mm X 63 mm	3.00" X 2.50"	3 Ply	150mm
RPWRED3-2.75	76mm X 70mm	3.00" X 2.75"	3 Ply	150mm
RPWRED3.5-3	89mm X 76mm	3.50" X 3.00"	3 Ply	150mm
RPWRED4-3	102mm X 76mm	4.00" X 3.00"	3 Ply	150mm
RPWRED4-3.5	102mm X 89mm	4.00" X 3.50"	3 Ply	150mm
RPWRED5-4	127mm X 102mm	5.00" X 4.00"	3 Ply	150mm



Flexfab Silicone reducers are designed for heavy-duty pressure connections in hostile engine environments. It has a continuous operating temperature range of -50degrees C to +180 degrees C. It resists hardening, cracking, cold, leaks, aging, steam, and many chemicals. Meets or exceeds operating requirements of SAE J20 R1 Class A custom wall. TMC RP303B Class 1 Grade 2 and most OEM truck manufacturers specifications. (note: is resistant to coolant additives)



HIGH HEAT DUCTING 1 PLY IRON OXIDE RED



Part Number	ID (mm)	ID (inch)	Construction	Standard Length
FLX2004 X 125	32mm	1.25"	1 Ply	12 feet
FLX2004 X 150	38mm	1.50"	1 Ply	12 feet
FLX2004 X 163	42mm	1.63"	1 Ply	12 feet
FLX2004 X 175	45mm	1.75"	1 Ply	12 feet
FLX2004 X 200	51mm	2.00"	1 Ply	12 feet
FLX2004 X 250	63mm	2.50"	1 Ply	12 feet
FLX2004 X 275	70mm	2.75"	1 Ply	12 feet
FLX2004 X 300	76mm	3.00"	1 Ply	12 feet
FLX2004 X 350	89mm	3.50"	1 Ply	12 feet
FLX2004 X 400	102mm	4.00"	1 Ply	12 feet
FLX2004 X 500	127mm	5.00"	1 Ply	12 feet
FLX2004 X 600	152mm	6.00"	1 Ply	12 feet

Recommended for low pressure handling of higher and lower temperature air, dust or fumes. Ideal for heating applications where minimum weight is required, and where air flow and friction requirements are not severe. Good for heater applications. Not recommended for handling liquids or abrasive materials. Flexible. Chemically treated, helically wound, bronze plated, spring steel wire reinforcement. Silicone-coated woven fiberglass fabric covering. Continuous filament fiberglass cord between coils. Heat-vulcanized for maximum rubber-to-wire bond. Lightweight, non-kinking, easy installation. Meets commercial low temperature flexibility. Temperature range -65°F to +450°F (-54°C to +232°C).

HIGH HEAT DUCTING 2 PLY IRON OXIDE RED



Part Number	ID (mm)	ID (inch)	Construction	Standard Length
FLX2005 X 162	41mm	1.62"	2 Ply	12 feet
FLX2005 X 200	51mm	2.00"	2 Ply	12 feet
FLX2005 X 250	63mm	2.50"	2 Ply	12 feet
FLX2005 X 800	203mm	8.00"	2 Ply	12 feet
FLX2005 X 1000	254mm	10.00"	2 Ply	12 feet

Designed for medium pressure handling of air, dust, fumes and light powders not recommended for handling liquids or abrasive materials. Smooth inner ply and cover ply of chemically treated woven fiberglass. Superior air flow and minimum friction loss. Chemically-treated, helically-wound, spring steel wire for flexibility. Double, continuous filament, silicone-coated treated fiberglass cord. Vulcanized for long service life. Lightweight, non-kinking. Temperature range -65°F to +600°F (-54°C to +316°C). Abrasion-resistant



VACUUM TUBING BLUE

Part Number	ID (mm)	ID (inch)	Construction	Standard Length
FLX5531-0001	3mm	0.12"	Extruded	50 feet
FLX5531-0003	6mm	0.25"	Extruded	50 feet



This is specifically designed for high temperature situations, which assures long service life in harsh environments. This makes this product ideal for high performance vacuum applications. It will last longer, perform better and will not deform under extreme conditions. An inexpensive and practical performance modification for all types of vehicles. Temperature range: -54 degrees C to +177 degrees C.

MARINE WET EXHAUST STRAIGHT HOSE 4 PLY 5584 SERIES BLUE

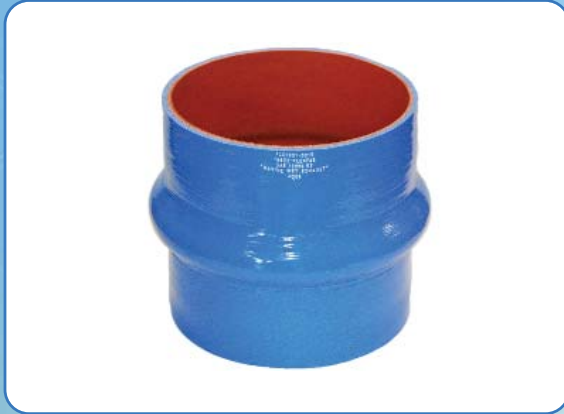
Part Number	ID (mm)	ID (inch)	Construction	Standard Length
5584-400	102mm	4.00"	4 Ply	1 meter
5584-450	114mm	4.50"	4 Ply	1 meter
5584-500	127mm	5.00"	4 Ply	1 meter
5584-600	152mm	6.00"	4 Ply	1 meter
5584-800	203mm	8.00"	4 Ply	1 meter
5584-1000	254mm	10.00"	4 Ply	1 meter
5584-1200	305mm	12.00"	4 Ply	1 meter



- FLX5584 Series straight marine hose meets SAE J2006 Style R1 (Softwall) for marine wet exhaust systems
- This hose is features multi-ply polyester reinforcement, and is rated to SAE J2006 R3. Finished in a bright glossy blue.
- Maximum temperature 180°C (350°F).



MARINE WET EXHAUST SINGLE AND DOUBLE HUMP HOSES 4 PLY 7901 SERIES BLUE



Part Number	ID (mm)	ID (inch)	Construction	Number of Humps	Standard Length
7901-0009	152mm	6.00"	4 Ply	Single	203mm
7901-0010	203mm	8.00"	4 Ply	Single	203mm
7901-0011	254mm	10.00"	4 Ply	Single	203mm
7901-0012	254mm	10.00"	4 Ply	Single	305mm
7901-0013	254mm	10.00"	4 Ply	Double	356mm
7901-0001	305mm	12.00"	4 Ply	Single	305mm
7901-0002	305mm	12.00"	4 Ply	Double	356mm

- FLX7901 Series marine hump hose meets SAE J2006 Style R3 (Hardwall) for marine wet exhaust systems.
- This hose features multi-ply polyester reinforcement and is rated to SAE J2006 R3. Finished in a bright glossy blue.
- Maximum temperature 180°C (350°F).

DAIRY HOSE CLEAR



Part Number	ID (mm)	ID (inch)	Construction
DAI1002-7MMD	7.0mm twin hose	0.275" twin hose	100 feet
DAI1002-7MMD X 1	7.0mm twin hose	0.275" twin hose	1 meter
DAI1002-7MMS	7.0mm single hose	0.275" single hose	100 feet
DAI1002-7MMS X 1	7.0mm single hose	0.275" single hose	1 meter
DAI1002-9MM	9.0mm wall/thickness 4mm	0.354" wall/thickness 0.16"	100 feet
DAI1002-9MM X 1	9.0mm wall/thickness 4mm	0.354" wall/thickness 0.16"	1 meter
DAI1008-11MM	11.0mm wall/thickness 3.7mm	0.450" wall/thickness 0.145"	100 feet
DAI1008-11MM X 1	11.0mm wall/thickness 3.7mm	0.450" wall/thickness 0.145"	1 meter
DAI1002-14MM	14.0mm wall/thickness 4.8mm	0.562" wall/thickness 0.188"	100 feet
DAI1002-14MM X 1	14.0mm wall/thickness 4.8mm	0.562" wall/thickness 0.188"	1 meter
DAI1005-16MM	16.0mm wall/thickness 5.5mm	0.620" wall/thickness 0.218"	100 feet
DAI1005-16MM X 1	16.0mm wall/thickness 5.5mm	0.620" wall/thickness 0.218"	1 meter
DAI1002-19MM	19.0mm wall/thickness 6.1mm	0.750" wall/thickness 0.245"	100 feet
DAI1002-19MM X 1	19.0mm wall/thickness 6.1mm	0.750" wall/thickness 0.245"	1 meter
DAI1002-22MM	22.0mm wall/thickness 6.1mm	0.875" wall/thickness 0.245"	100 feet
DAI1002-22MM X 1	22.0mm wall/thickness 6.1mm	0.875" wall/thickness 0.245"	1 meter

Construction - Extruded

Flexfab dairy silicone hose remains flexible to -55°C, therefore no more wrestling with stiff hose in winter. This product is translucent - you can see the milk flow. It has a low compression set and does not require re-tightening of clamps. It accepts metal fittings easily. This is a food grade approved material which is tasteless, odorless, non-toxic and has no corrosive elements. It has an extremely high tear strength and is much stronger than plastic or ordinary rubber. It is resistant to ultra violet rays and therefore exhibits no cracking or deterioration. This hose has a smooth continuous bore and does not offer any place for bacteria to grow. Silicone is not affected by butterfat, bacteria or dairy cleaning agents.



SILICONE LINER CLAMPS

Advantages of using Silicone Liner Clamps

- Liner protects soft or silicone hose from damage, extrusion or shear
- General purpose automotive and industrial clamps.
- High strength construction. Exceeds all SAE requirements.
- Use for all standard clamp applications.

The sealing pressure oriented design on Breeze Power-Seal clamps enables it to outperform other general purpose industrial clamps. Because the band width to torque to sealing pressure properties of Breeze Power-Seal clamps are designed to give higher sealing pressure with lower applied torque. This is especially important in the lower, typical torque ranges achieved when a clamp is installed by hand with a screwdriver or nutdriver.



T-BOLT CLAMPS

Advantages of using T Bolt Clamps

- Liner protects soft or silicone hose from damage, extrusion or shear
- 3/4" (19 mm) wide, 100% Stainless Steel Band.
- High Strength, One-Piece Stainless Steel Trunion.
- T-Bolts available in both carbon and stainless steel.
- Superior welded construction.
- Available in either "welded" or "floating-bridge" liner.
- Meets or exceeds SAE Spec. J1508 for T-Bolt clamps.



CONSTANT TORQUE CLAMPS

Advantages of using Constant Torque Clamps

- Liner protects soft or silicone hose from damage, extrusion or shear
- Quadra-lock construction - housing orbitally riveted to saddle at 4 points providing extra strength.
- Eliminates the sometimes necessary replacement of expensive "single use" clamps during routine or emergency maintenance.
- Fleet standard - easily installed, easily replaced in the field.
- Energy store in compressed Belleville springs controls automatic clamp adjustment.
- Torque Check - permits visual assurance that the clamp is properly installed.

Stainless steel - virtually unlimited product life - won't rust or corrode and is reuseable.



SPRING-LOADED CLAMPS

Advantages of using Spring-Loaded T-Bolt Clamps

- Liner protects soft or silicone hose from damage, extrusion or shear
- 3/4" (19 mm) wide, 100% Stainless Steel Band.
- High Strength, One-Piece Stainless Steel Trunion.
- T-Bolts available in both carbon and stainless steel.
- Superior welded construction.
- Available in either "welded" or "floating-bridge" liner.
- heavy-duty spring to compensate for thermal expansion.
- Meets or exceeds SAE Spec. J1508 for T-Bolt clamps.



In addition to the products in this catalogue, RP Wallis Wholesale and Flexfab are able to design & manufacture custom moulded silicone hose as per requirement



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