

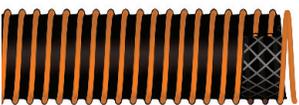
# PRODUCTS CATALOG

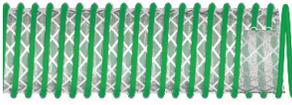


BUCHANAN RUBBER LTD.

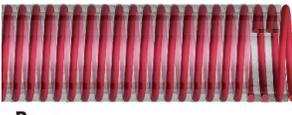
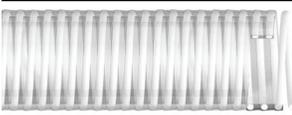
PRODUCT	DESCRIPTION	APPLICATION	PRESSURE	SIZES	TEMPERATURE
<b>Air Hoses - Also Available: Montana, Hi-Temp Steelflex Air, Oroflex Air, Oroflex 20, Duraflex 20 &amp; Hot Air Blower</b>					
	Yellow cut and abrasion resistant cover with blue stripe. Tube is oil resistant synthetic rubber.	A superior quality mining, construction and industrial hose.	400 PSI	1/2" - 4"	-35°C to +80°C -30°F to +180°F
<b>Super Service Air</b>					
	Yellow cut and abrasion resistant rubber cover with oil mist resistant synthetic rubber tube.	For mining, construction, and industrial use.	250 - 300 PSI	1/2" - 4"	-35°C to +80°C -30°F to +180°F
<b>Contractors Air</b>					
	Yellow cut and abrasion resistant cover with red stripe. Tube is oil resistant synthetic rubber.	High pressure steel reinforced air service for mining, construction and industrial use. More resistant to external abuse than textile air hose. Mandrel built.	400 - 1000 PSI	1/2" - 4"	-35°C to +80°C -30°F to +180°F
<b>Steelflex Air</b>					
	Smooth Yellow cut and abrasion resistant rubber cover with oil mist resistant synthetic rubber tube.	An economical air hose for jackhammer and other uses on construction sites. Also for general industrial use.	300 PSI	3/4"	-35°C to +80°C -30°F to +180°F
<b>Jackhammer</b>					
<b>General Purpose - Also Available: General Purpose, Urethane General Purpose &amp; Self Storing Air</b>					
	Red, oil, grease, weather and abrasion resistant nitrile/pvc cover with nitrile tube.	A premium quality long length hose for petroleum based fluids, lubricating oils, air, hot water and some chemical solutions.	250 - 300 PSI	1/4" - 1 1/2"	-32°C to +85°C -25°F to +185°F
<b>Premium General Purpose - Non Conductive</b>					
	Smooth red abrasion and weather resistant EPDM synthetic rubber tube and cover.	Air, water, agricultural spray solutions, and other dilute chemicals. Excellent resistance to heat and weathering. Also resists animal fats, vegetable oils and Methyl Ethyl Ketone.	150 - 250 PSI	1/4" - 2"	-30°C to +93°C -20°F to +200°F
<b>EPDM General Purpose</b>					
	Clear smooth PVC.	An economical FDA quality hose for handling air, water, oil, mild chemicals, and alkalis. Clear wall allows visual inspection of product. 3A/USDA/NSF-51 Compliant.	65 - 250 PSI	3/16" - 2"	-5°C to +65°C +25°F to +150°F
<b>Clear Reinforced PVC</b>					
	Black, Grey, Red, Blue, or Yellow oil, weather and abrasion resistant nitrile/pvc cover with nitrile tube.	Transmission of most petroleum-based hydraulic fluids, mineral oil, diesel fuel, engine coolant solutions, agricultural sprays and a wide range of chemical solutions.	250 - 300 PSI	1/4" - 3/4"	-32°C to +80°C -25°F to +180°F
<b>Push On</b>					
	Blue weather and oil resistant synthetic rubber specially compounded for arctic service featuring a static wire.	A premium general purpose hose for conveying air, water, petroleum products and some chemicals under arctic conditions.	300 PSI	1/2" - 2"	-54°C to +65°C -65°F to +150°F
<b>Arctic General Purpose</b>					
<b>Water Discharge - Also Available: H.D Water Discharge, Garden Hose, High Pressure Water Discharge, Papermill, Packers Washdown, White Sanitary &amp; Single Jacket Industrial Mill</b>					
	Black abrasion, weather and oil resistant nitrile rubber cover with oil resistant nitrile rubber tube.	A lightweight high pressure, extremely strong hose for general water and oil discharge, and for some chemicals.	150 - 200 PSI	1 1/2" - 8"	-20°C to +80°C 0°F to +180°F
<b>Oroflex 10 Layflat</b>					
	Black abrasion, weather and oil resistant nitrile rubber.	This is a lightweight high pressure, extremely strong hose for general water discharge service. Ideal for rental service where long life and competitive pricing is paramount. Its compact characteristics make this an ideal hose for use with portable pumps. Especially suited for pumping oily contaminated water.	150 - 200 PSI	2" - 6"	-20°C to +80°C 0°F to +180°F
<b>Duraflex - Rubber Layflat</b>					
	Smooth cover blue and black (also wrapped version) oil resistant synthetic rubber cover. One high tensile steel braid with oil resistant synthetic rubber tube.	Extremely flexible, compact hose for use on pressure washers with working pressures up to 3000 psi. Available in 4500 psi, 250°F.	3000 PSI	3/8"	-29°C to +100°C -20°F to +212°F
<b>Pressure Washer</b>					

PRODUCT	DESCRIPTION	APPLICATION	PRESSURE	SIZES	TEMPERATURE
<b>Water Discharge</b> - Also Available: H.D Water Discharge, Garden Hose, High Pressure Water Discharge, Papermill, Packers Washdown & White Sanitary					
	Blue, Brown or Green PVC impregnation.	Light (Blue) to Heavy (Brown and Green) duty layflat hose for portable pump and irrigation use.	30 - 150 PSI	3/4" - 12"	-10°C to +60°C +15°F to +140°F
<b>PVC Layflat</b>					
	Black abrasion and weather resistant synthetic rubber cover with synthetic rubber tube.	A lightweight water discharge hose which is ideal for use with portable pumps, and general water discharge service.	75 - 100 PSI	1 1/4" - 12"	-35°C to +80°C -30°F to +180°F
<b>Contractors and Contractors Plus Water Discharge</b>					
	Black abrasion and weather resistant synthetic rubber cover with synthetic rubber tube.	For use on construction sites and general water service.	150 - 300PSI	1/2" - 1"	-35°C to +80°C -30°F to +180°F
<b>Contractors Water Discharge - Industrial Garden Hose</b>					
<b>Water Suction</b> - Also Available: EPDM Aggie Water S & D					
	A hose constructed with extra soft PVC, a feature that ensures greater flexibility and ease of handling at very low temperatures. Also available with static wire.	Can be used for light oil, grease and animal fat suction. It can also be used in more general applications where great flexibility is required at very low temperatures.	35 - 70 PSI 29" HG	2" - 6"	-40°C to +60°C -40°F to +140°F
<b>Superflex</b>					
	Black smooth abrasion and weather resistant synthetic rubber.	A heavy duty wire reinforced rubber suction hose for construction, quarries and general use.	50 - 200 PSI 29" HG	3/4" - 12"	-30°C to +80°C -22°F to +180°F
<b>Rubber Water S &amp; D</b>					
	Clear abrasion and weather resistant extra soft low temperature PVC with blue helix	An economical, flexible hose for construction pumps, septic tank & marine pump-out service. Resistant to some chemicals, mild acids & alkalis. Consult us for recommendations. Soft low temperature compounds allow for increased flexibility.	25 - 45 PSI 29" HG	3/4" - 6"	-40°C to +65°C -40°F to +150°F
<b>Saturn Water S &amp; D</b>					
	Clear abrasion and weather resistant PVC.	An economical, flexible hose for construction pumps, septic tank & marine pump-out service. Resistant to some chemicals, mild acids & alkalis. Consult us for recommendations.	25 - 90 PSI 28 - 29" HG	3/4" - 8"	-20°C to +65°C -5°F to +150°F
<b>Saturn Green PVC Water S &amp; D</b>					
	Clear abrasion and weather resistant extra soft PVC.	An economical, flexible hose for construction pumps, septic tank & marine pump-out service. Resistant to some chemicals, mild acids & alkalis. Consult us for recommendations. Specially formulated compounds allow for increased flexibility at low temperatures.	35 - 90 PSI 29" HG	3/4" - 6"	-40°C to +65°C -40°F to +150°F
<b>Saturn Low Temperature PVC Water S &amp; D</b>					
	Clear abrasion and weather resistant PVC.	An economical, flexible hose for construction pumps, septic tank & irrigation lines. Resistant to some chemicals, mild acids & alkalis. Consult us for recommendations.	15 - 45 PSI 26 - 29" HG	1" - 12"	-40°C to +65°C -40°F to +150°F
<b>Saturn Grey PVC Water S &amp; D</b>					
	Clear abrasion and weather resistant PVC with high tensile synthetic yarn reinforcement.	Good for both suction and discharge applications, this heavy duty hose can be used for rental/construction pumping as well as fish suction hose.	40 - 110 PSI 28 - 29" HG	2" - 10"	-23°C to +65°C -10°F to +150°F
<b>Textile Reinforced S &amp; D</b>					
	Clear abrasion and weather resistant PVC with white helix.	An economical, flexible hose for construction pumps, septic tank & marine pump-out service. Can also be used in air seeder applications.	35 - 90 PSI	3/4" - 8"	-20°C to +65°C -4°F to +150°F
<b>Saturn White PVC Water Suction and Discharge Hose</b>					

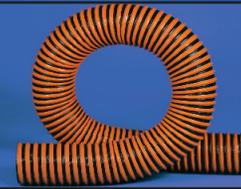
PRODUCT	DESCRIPTION	APPLICATION	PRESSURE	SIZES	TEMPERATURE
<b>Water Suction - Also Available: EPDM Aggie Water S &amp; D</b>					
	Green polypropylene and Black EPDM.	Agricultural suction, general industrial use where high working pressures are not required.	22 - 50 PSI 29" HG	1 1/2" - 6"	-40°C to +60°C -40°F to +140°F
<b>EPDM Water Suction</b>					
<b>Steam - Also Available: Textile Steam</b>					
	Red, heat, weather and abrasion resistant EPDM synthetic rubber tube and cover.	An extremely flexible steel reinforced hose for use with saturated steam at pressures to 250 PSI.	250 PSI	1/2" - 3"	-40°C to +210°C -40°F to +406°F
<b>Steam 250</b>					
	Red abrasion resistant EPDM cover with Chlorobutyl synthetic rubber tube.	An extremely flexible steel reinforced hose for use with saturated steam at pressures to 250 PSI. Chlorobutyl tube has a low permeation factor resulting in resistance to popcorning of tube.	250 PSI	1/2" - 2"	-40°C to +210°C -40°F to +406°F
<b>CB Steam 250</b>					
<b>Petroleum - Also Available: Agricultural Farm Tank, Tank Truck Drop, SAE100R4, W187 Vapour Recovery &amp; Hot Tar &amp; Asphalt</b>					
	Black, abrasion, gasoline and oil resistant synthetic rubber with blue stripe.	An all purpose petroleum suction and discharge hose for use with gasoline, kerosene, diesel, oil suspensions and emulsions. May also be used as hydraulic return line and suction.	150 PSI 29" HG	3/4" - 6"	-35°C to +93°C -30°F to +200°F
<b>Tank Truck</b>					
	Black, abrasion, gasoline and oil resistant synthetic rubber with blue stripe and pressure.	An all purpose petroleum suction and discharge hose for use with gasoline, kerosene, diesel, oil suspensions and emulsions up to 250 PSI. May also be used as hydraulic return line and suction.	250 PSI	2" - 6"	-35°C to +93°C -30°F to +200°F
<b>Super Black 250</b>					
	Blue weather and oil resistant synthetic rubber specially compounded for arctic service. Corrugated with white stripe.	Specially designed to remain flexible while handling a wide range of petroleum products, including gasoline and diesel under arctic conditions.	150 PSI	1 1/2" - 6"	-54°C to +90°C -65°F to +195°F
<b>LW Arctic Superflex 150 Petroleum</b>					
	Black, abrasion and oil resistant synthetic rubber with red stripe.	Specially designed for conveying hot oil and/or Glycol at temperatures up to 120°C (250°F).	150 PSI	2" - 4"	up to +120°C 250°F
<b>H.O.T Oil Tank Truck</b>					
	Black, abrasion, gasoline and oil resistant synthetic rubber with green stripe.	An all purpose lightweight and flexible petroleum suction and discharge hose for use with gasoline, kerosene, diesel, oil suspensions and emulsions. May also be used as hydraulic return line and suction.	150 PSI	2" - 6"	-40°C to +93°C -40°F to +200°F
<b>LW Petroleum Tank 150</b>					
	Red, heat, oil and weather resistant Neoprene cover with nitrile tube.	For handling a wide range of petroleum products, including gasoline, as well as a number of chemical solutions.	150 - 200 PSI	3/4" - 4"	-35°C to +88°C -30°F to +190°F
<b>Petroleum Discharge</b>					
	Black, heat, oil and weather resistant Neoprene.	For handling a wide range of petroleum products, including gasoline, as well as a number of chemical solutions.	250 PSI	2" - 6"	-35°C to +88°C -30°F to +190°F
<b>Petroleum Discharge 250</b>					
	Orange PVC helix with high tensile synthetic yarn reinforcement and built in static wire.	For use as a tank truck gravity drop hose. Also for use with oil, fuel and grease transfer, oil slurry, hydrocarbons and animal fat handling. Features an external helix that protects the hose cover as well as enabling the hose to slide over rough surface.	65 - 70 PSI 28" HG	2" - 4"	-29°C to +65°C -20°F to +150°F
<b>Petroleum Drop Hose</b>					

PRODUCT	DESCRIPTION	APPLICATION	PRESSURE	SIZES	TEMPERATURE
<b>Petroleum</b> - Also Available: <i>Agricultural Farm Tank, Tank Truck Drop, SAE100R4, W187 Vapour Recovery &amp; Hot Tar &amp; Asphalt</i>					
	Green PVC Helix with polyurethane cover. BDROP is clear wall for flow visibility and BDROPB is black with added UV resistance.	For use as a tank truck gravity drop hose with biofuel, gasoline, diesel and ethanol. Lightweight and flexible with exposed pvc helix making it very user friendly.	65 PSI	3" - 4"	-40°C to +65°C -40°F to +150°F
<b>Urethane Bio-Drop Fuel Hose</b>					
	Convuluted yellow helix.	Vapour recovery from petroleum transfer operations. Embedded static wire serves to dissipate static electricity. NOT SUITABLE FOR CONVEYING LIQUIDS	9 - 17 PSI	2" - 4"	-40°C to +65°C -40°F to +150°F
<b>Vapour Thane Dust &amp; Vapour Recovery Hose</b>					
<b>Material Handling</b> - Also Available: <i>Tan Bulkmaster, Furnace Door Cooling, Concrete Boom, Concrete Placement &amp; Bulkmaster Hardwall</i>					
	Thick black corrugated abrasion and weather resistant synthetic blend cover. Red 3/8" thick super abrasion resistant natural rubber tube.	Primarily designed for handling abrasive slurries in mines and quarries. Can also be used for dry material handling of sand, gravel, grain, slag, and other such materials. External re-usable bolt on flanges allow for ease of installation, and uninterrupted free flow.	150 PSI 30" HG	3" - 12"	-40°C to +80°C -40°F to +180°F
<b>Aztec</b>					
	Black abrasion and weather resistant synthetic rubber cover with black abrasion resistant natural rubber tube. Green stripe on 1/4" thick tube.	Dry bulk discharge including limestone, ground silica, chalk, dry cement, fertilizer etc. May also be used for wet abrasive applications.	75 PSI	3" - 6"	-30°C to +80°C -25°F to +180°F
<b>Bulkmaster Softwall</b>					
	Black static conductive synthetic rubber cover with thick black static conductive abrasion resistant natural rubber tube.	For conducting sand, steel shot, and other abrasives for blast cleaning.	150 PSI	1/2" - 3"	-35°C to +80°C -30°F to +180°F
<b>Sandblast</b>					
	Black weather and abrasion resistant cover with black abrasion resistant pure gum rubber tube.	For handling abrasive dust from wood, metal, rock, marble and concrete grinding machines under vacuum.	40 PSI 10 - 24" HG	1" - 6"	-30°C to +80°C -25°F to +180°F
<b>Industrial Vacuum</b>					
<b>Chemical</b> - Also Available: <i>Hypalon Acid S &amp; D, Viton Lined S &amp; D, EPDM Acid S &amp; D</i>					
	Green smooth chemical resistant EPDM rubber cover with cross-linked polyethylene tube.	The cross-linked polyethylene tube makes this one of the most versatile types of hose available to the chemical industry today. It will handle 90% of known chemical and petroleum products in both suction and discharge applications.	200 PSI 29" HG	1/2" - 4"	-29°C to +120°C -20°F to +248°F
<b>Chemical</b>					
	Green corrugated chemical resistant EPDM rubber with FDA UHMW polyethylene tube.	Similar to Chemical hose above but may be used at lower temperatures. More versatile than our Chemical hose, Flexchem handles 98 per cent of known chemicals and can be steam cleaned. Corrugated cover results in a more flexible hose.	200 PSI 29" HG	3/4" - 4"	-40°C to +65°C -40°F to +150°F
<b>Flexchem</b>					
<b>Material Handling Polyurethane and PVC</b> - Also Available: <i>Grey PVC Vacuum</i>					
	Corrugated clear PVC rigid helix. FDA, 3A and USDA compliant.	Conveying of dry powders, grains and plastic pellets where viewing the product is important. B Flex Static has built-in static wire.	25 - 45 PSI 29" HG	1 1/2" - 3" and 39mm	-23°C to +65°C -10°F to +150°F
<b>B Flex/B Flex Static</b>					
	Corrugated clear PVC with clear rigid PVC helix. FDA, 3A and USDA compliant.	Suction and discharge of liquids, grains, plastic pellets and powders where moderate abrasion is a factor. Netptune Static has built-in static wire.	20 - 55 PSI 29" HG	1" - 8"	-23°C to +65°C -10°F to +150°F
<b>Neptune Suction/Neptune Static Suction</b>					

**Other Hoses Available:** *Auto Heater Hose, Marine Hardwall/Softwall/Fuel Fill Hose, Silicone Coolant and Heater Hose, Garage Exhaust Hose, Welding Hose, Pressure Washer Hose, Paint Spray Hose, Auto Fuel Line Hose.*

PRODUCT	DESCRIPTION	APPLICATION	PRESSURE	SIZES	TEMPERATURE
<b>Material Handling Polyurethane and PVC - Also Available: Grey PVC Vacuum</b>					
	Corrugated clear abrasion and weather resistant Polyurethane with grey PVC helix. FDA, 3A and USDA compliant.	Ideal for applications where conventional rubber or PVC hose will wear rapidly, i.e. grain transfer, abrasive powder recovery, leaf collection. PU Vac Static has built-in static wire.	3 - 50 PSI 29" HG	1 1/2" - 6"	-40°C to +65°C -40°F to +150°F
<b>PU Vac/PU Vac Lite/PU Vac Static</b>					
	Blue HMW PVC up to 5" I.D. Black cover in 6" and 8" I.D.	Used in a variety of material handling application where a good resistance to abrasion is required, such as transfer of sands, plastic pellets, gravel, wood chips, slurries and fly ash. Also for use on vacuum excavation trucks. Cover is a specially formulated static dissipative compound with low temperature flexibility.	30 - 45 PSI 28 - 29" HG	2" - 8"	-40°C to +65°C -40°F to +150°F
<b>ARI HD</b>					
	This hose has a polyurethane tube with an HMC cover. Cover is a specially formulated technical alloy that makes this hose antistatic.	Used in a variety of material handling application where a good resistance to abrasion is required, such as transfer of sands, plastic pellets, gravel, wood chips, slurries and fly ash.	30 - 45 PSI 29" HG	2" - 8"	-40°C to +65°C -40°F to +150°F
<b>ARI</b>					
<b>Food - Also Available: Pure Gum Tubing, Polyethylene Tubing &amp; Clear Vinyl Tubing</b>					
	Smooth clear, food grade PVC non-marking with red rigid PVC helix. FDA, 3A and USDA compliant.	Alcoholic beverages up to 25% alcohol content. Fruit juices, soft drinks and other liquid foodstuffs. Also suitable for dry bulk foodstuffs.	35 - 85 PSI 29" HG	3/4" - 5" and 38 - 50mm	-23°C to +65°C -10°F to +150°F
<b>Bacco</b>					
	Red abrasion resistant natural rubber tube and cover.	Will handle a wide range of non fatty-oily food products up to 80°C where taste and aroma must not be affected.	140 PSI	3/4" - 3"	-35°C to +80°C -30°F to +180°F
<b>Brewers and Beverage Discharge</b>					
	Smooth clear PVC with wire helix. Super Wirevac has additional layer of fabric reinforcement. FDA, 3A, USDA and NSF-51 compliant.	An extremely flexible transparent hose for use where full vacuum performance is required while monitoring the contents of the hose. Ideal for use with most food-stuffs, cosmetics, beverages, and a wide range of chemical solutions. Also suitable for lubricating oils and animal fats.	45 - 250 PSI 28" HG	3/8" - 3"	-10°C to +65°C +15°F to +150°F
<b>Wirevac</b>					
	Clear PVC non-marking. FDA, 3A and USDA compliant.	For dry bulk foodstuffs, pharmaceuticals, cosmetics, milk, fruit and vegetable juices, soft drinks, alcoholic beverages, flour, sugar etc. Clear wall allows visual inspection of the product.	50 - 85 PSI 29" HG	3/4" - 4"	-23°C to +65°C -10°F to +150°F
<b>Foodflex PVC S &amp; D</b>					
	Clear PVC non-marking with high tensile yarn reinforcement. FDA, 3A and USDA compliant.	For liquid or dry bulk foodstuffs, pharmaceuticals, cosmetics, milk, fruit and vegetable juices, soft drinks, alcoholic beverages, flour, sugar, poultry or meat packing etc. Clear wall allows visual inspection of the product.	60 - 110 PSI 28 - 29" HG	2" - 8"	-23°C to +65°C -10°F to +150°F
<b>Foodflex Textile Reinforced S &amp; D (Food Grade)</b>					
<b>Composite</b>					
	Green cover with double layer of abrasion resistant PVC coated fabric and heavy duty polypropylene film tube. The Inner wire is polypropylene coated carbon steel and Outer wire is galvanized steel. Complies with EN 13765 Type 3 and AS 2117 Type 2 Grade 1 and 2. Electrical continuity is maintained by both hose wires being securely connected to the fittings.	Chemslink hose is suitable for heavy duty suction and discharge of bulk chemicals in road and rail tanker, dockside and ship to shore applications.	200 PSI	2" - 8"	-30°C to +100°C -22°F to +212°F
<b>Chemslink Composite Hose</b>					
	Grey cover with double layer of abrasion resistant PVC coated fabric and heavy duty polypropylene film tube. The Inner and outer wires are galvanized mild steel. Complies with EN 13765 Type 3 and AS 2117 Type 2 Grade 1 & 2. A Group 1 hose where electrical continuity is maintained by both hose wires being securely connected to the fittings.	Petroslink is suitable for the heavy duty suction and discharge transfer of petroleum products in road and rail tanker, dockside and ship to shore applications. In general, composite hose is not recommended for conveying products with a fluid viscosity in excess of 400cSt (400mm <sup>2</sup> /sec) and a flow velocity in excess of 7mtr/sec (23 feet/sec).	200 PSI	2", 6" - 8"	-30°C to +100°C -22°F to +212°F
<b>Petroslink Composite Hose</b>					
	Grey cover with double layer of abrasion resistant PVC coated fabric with a tube made from several layers of thermoplastic PTFE liners, polyamide fabrics and films with Fibre Glass cloth. The Inner and outer wires are galvanized mild steel. Complies with EN-13765 Type 4 hose. Electrical continuity is maintained by both hose wires being securely connected to fittings.	Petroslink High Temp hose is Ideal for the transfer of hot viscous petroleum by-products such as tar and bitumen.	200 PSI	3" - 4"	-30°C to +110°C -22°F to +230°F
<b>Petroslink High Heat Composite Hose</b>					

# Ducting

	DESCRIPTION	TEMPERATURE	SIZES	LENGTHS
	<b>SUPER VAC-U-FLEX</b> High tensile fibre reinforced PVC cover bonded to a coated spring steel wire helix.	-20°F to +150°F -30°C to +65°C	3/4" - 4"	25'/50'
	<b>TDS/TDHS</b> One/two ply vinyl-coated fabric with orange vinyl scuff-strip, spring steel wire helix and smooth bore. Meets UL 940-V flammability rating.	15°F to +200°F -10°C to +94°C	3" - 12"	25'
	<b>RFH-WHITE</b> A wire reinforced, White TPR elastomer, with good resistance to abrasion and chemicals. Excellent low and high temperature properties makes this truly duct versatile. For use in pharmaceutical and dry food applications. No cements, glues or adhesives are used in the manufacturing process. Materials used are FDA acceptable. Temperature range - 60°F to 275°F intermittent to 300°F.	-60°F to +275°F (int to 300°F) -51°C to +135°C (int to 149°C)	1 1/2" - 18"	10'/25'
	<b>1PN (NC-1)/2PN (NC-2)</b> Neoprene impregnated polyester fabric, enclosed steel wire helix; integral liner. One ply (1PN) or Two ply (2PN) construction for general purpose applications.	-40°F to +250°F -40°C to +121°C	1 1/4" - 24"	25'
	<b>TPR/RFH</b> A wire reinforced, TPR elastomer, with good resistance to abrasion, chemicals and weathering. Excellent low and high temperature properties makes this a truly versatile indoor/outdoor ducting. For general dust and fume extraction, sawdust and other mildly abrasive powders. Available with a wear strip to better resist external abrasion. No cements, glues or adhesives are used in the manufacturing process.	-60°F to 275°F (int to 300°F) -51°C to +135°C (int to 149°C)	1 1/2" - 24"	25'/50'/100'
	<b>L-9 FLEX FLYTE</b> Silicone rubber coated fibreglass fabric with spring steel wire helix. Offers lightweight and maximum flexibility coupled with high temperature resistance and has a rubber coated fibreglass liner for smoother flow and higher pressure ratings.	-75°F to +500°F (int to 600°F) -60°C to +260°C (int to 316°C)	3/4" - 12"	12'
	<b>UFD/DURATHANE</b> A wire reinforced two/three/four ply polyurethane duct with excellent abrasion resistance, low temperature and chemical resistance. HD version available for extra abrasion resistance. FDA materials used to manufacture.	-60°F to +180°F -51°C to +93°C	2" - 18"	25'/50'
	<b>TPU VAC-U-FLEX</b> A flexible smooth clear polyurethane elastomer bonded to a coated spring steel wire helix. Features high abrasion and puncture resistance and excellent chemical and oil resistance.	-40°F to +200°F -40°C to +93°C	3/4" - 6"	25'
	<b>CVD/PVC</b> A medium weight extremely flexible wire reinforced PVC duct suitable for fume removal, light dust collection and general ducting. Materials used in CVD clear are FDA acceptable.	-20°F to +180°F -28°C to +82°C	1" - 18"	25'/50'
	<b>1PN-EP/1PN-EPW</b> Wide pitch, Neoprene impregnated cotton fabric with enclosed spring steel wire helix. Available in yellow, orange and black. Also available with black wear strip. Ideal for applications where maximum flexibility and retractability are required.	-40°F to +250°F -40°C to +121°C	4" - 24"	25'

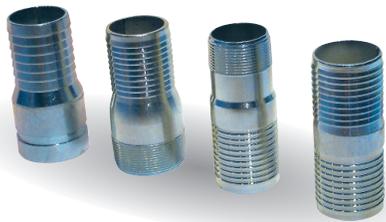
**Ducting Also Available:** Thermoduct, Vac-U-Lok, L1 Flex Flyte, U-1 Flex Flyte, TPE Vac-U-Flex, Flex Flyte R, VF Flex Flyte, SLP-10 Flexvent, 2CN, 2NN, 1PN-RP, Therma-Cool, 333 Insulation Blowing, Heater/Defroster.

# Couplings

Specialty Stainless & Aluminum Cam and Groove Fittings



Combination Nipples, Expanders and Reducers



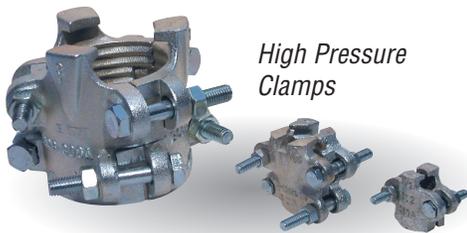
Sandblast



90° Polypropylene



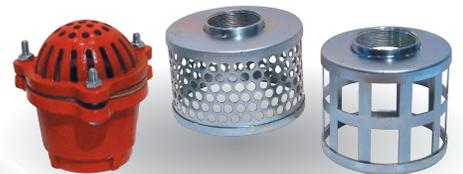
High Pressure Clamps



Ball Valves & Adapters



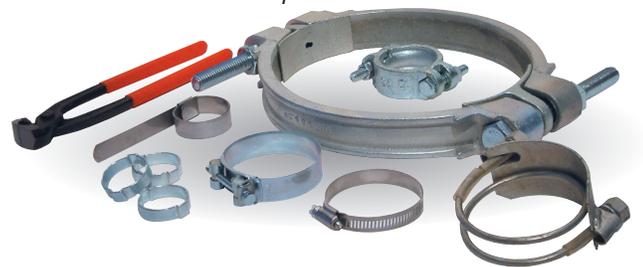
Strainers & Foot Valves



Punch Lock Tools & Strapping Tools



Clamps



Tank Truck Couplings



Mining & High Pressure



Universal & National Fittings



Hose Safety Cables



# Cam & Groove Fittings

## Cam and Groove Pressure Chart by Material

Size	Aluminum	SS 316	Ductile	Brass	Nylon	Poly
1/2"	250	250	250	250	175	125
3/4"	250	250	250	250	175	125
1"	250	250	250	250	175	125
1-1/4"	250	250	250	250	150	125
1-1/2"	250	250	250	250	150	125
2"	250	250	250	250	150	125
2-1/2"	150	200	100	150		125
3"	150	150	150	150	75	75
4"	150	150	150	150	75	75
5"	75	75	75	75		
6"	75	75	75	75		
8"	50					
10"	50					

Material	Temperature Range
Aluminum	-101C to +121C(-150F to +250F)
SS 316	-101C to +260C(-150F to +500F)
Ductile	-29C to +260C(-20F to +500F)
Brass	-101C to +232C(-150F to +450F)
Polypropylene	-26C to +66C(-15F to +150F)
Nylon	-34C to +121C(-30F to +250F)

**Part A**  
Male Adapter



Female NPT

**Part B**  
Male NPT



Female Coupler

**Part C**  
Hose Shank



Female Coupler

**Part D**  
Female NPT



Female Coupler

**Part E**  
Hose Shank



Male Adapter

**Part F**  
Male Adapter



Male NPT

**Dust Cap**



Female Coupler

**Dust Plug**



Male Adapter

**Crimp Combination Nipples Stainless**



**Crimp Ferrules and Sleeves**



**Crimp Couplings**

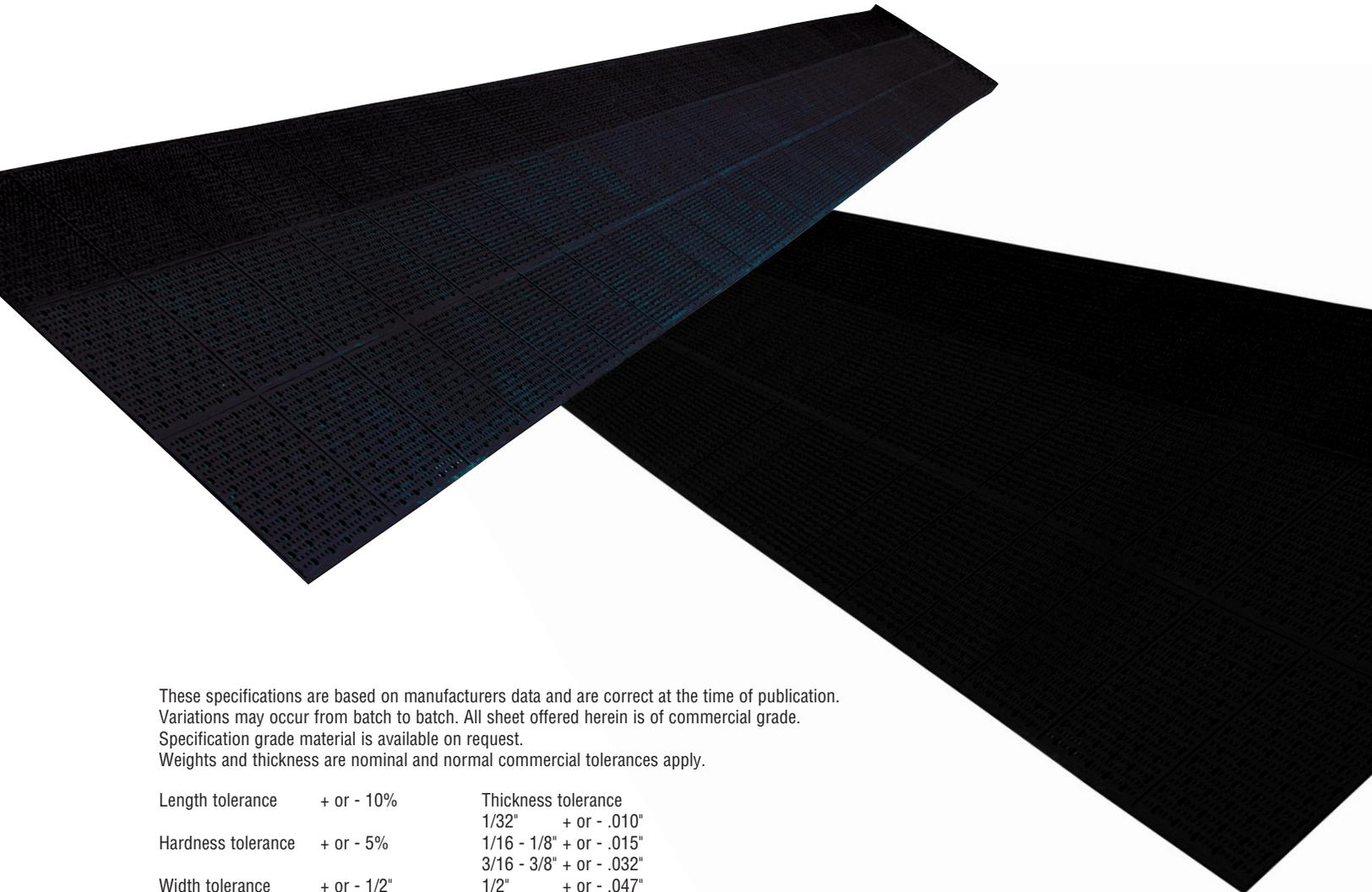


*All sizes except 5" and 8" are made to comply with MIL Specification A-A-59326.  
These sizes comply with ASTM Specifications 1/2" x 1/2" are not specified under MIL Specification.*

## Sheet Rubber

Product	Tensile (PSI)	Elongation (%)	Temp Rating	General Characteristics
BUTYL 60	1250	350	0°C to 110°C	Excellent ozone & weather resistance. Very good heat resistance, low gas permeability
EPDM 60	500	250	-25°C to 110°C	Same as Butyl above.
HYPALON 60	1200	300	-29°C to 121°C	Good flame and acid resistance. Low oil and solvent resistance.
NEOPRENE 50/60/70	500	250	-25°C to 85°C	Good resistance to heat, oils, some chemicals & solvents.
NEOPRENE DIAPHRAGM	500	250	-25°C to 85°C	Same as Neoprene above but with higher tear strength.
NITRILE 60	500	250	-20°C to 80°C	Very good oil resistance.
PURE GUM 40	2500	600	-34°C to 65°C	Excellent cut and abrasion resistance. Excellent resilience.
RED SHEET	500	250	-20°C to 75°C	Low grade packing material.
SBR 50/60/70	500	250	-20°C to 75°C	Good general purpose sheet. Poor oil & chemical resistance.
SBR 80	500	250	-20°C to 75°C	Same as SBR above.
SILICONE 60	1000	300	-45°C to 200°C	Excellent heat resistance, poor abrasion and fuel resistance.
VITON 75	1200	600	-20°C to 250°C	Excellent fuel resistance at elevated temperature.
WHITE NITRILE	1200	600	-30°C to 100°C	Good oil resistance. Food quality.

*\*Premium Specifications available upon request.*



These specifications are based on manufacturers data and are correct at the time of publication. Variations may occur from batch to batch. All sheet offered herein is of commercial grade. Specification grade material is available on request. Weights and thickness are nominal and normal commercial tolerances apply.

Length tolerance	+ or - 10%	Thickness tolerance
		1/32" + or - .010"
Hardness tolerance	+ or - 5%	1/16 - 1/8" + or - .015"
		3/16 - 3/8" + or - .032"
Width tolerance	+ or - 1/2"	1/2" + or - .047"
		3/4 - 1" + or - .063"



**BUCHANAN RUBBER LTD.**

Buchanan Rubber has been in business for over 25 years. At the time of our inception, most Industrial Hose and Coupling distributors relied on large corporations with high prices, small inventories and long lead times. Our approach to the market was to give these distributors an alternative source of supply. Buchanan Rubber's approach was to concentrate on these three business metrics and offer distributors what they could not consistently receive elsewhere in the market. This approach combined with the practice of staffing our company with Industry professionals has served our customers well over the years. Today, we continue to successfully optimize this model by providing Quality Products, Competitive Prices and Outstanding Service.

We look forward to being of service to your company.

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The information presented in this brochure is to be used as a general guide. This literature and other literature from Buchanan Rubber is to provide options for further investigation by experienced, technically versed users. Due to the varietal nature of operating conditions and applications, the user is solely responsible of the application are met. The product specifications presented here are subject to change without notice.