



P.V.F.

PIPES, VALVES & FITTINGS



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This Brochure gives you a brief overview of the Extensive Range of Pipe, Valves and Fittings that are offered by Southern Supplies Limited. Our offerings are not limited to this Brochure, as we have partnered with some of the most recognized manufacturers to offer you the absolute best in quality and affordability.





# INTRODUCTION

Southern Supplies Limited (SSL) has been serving the Oil, Gas, Petrochemical, Pipeline & Mechanical Industries for more than two decades. SSL has evolved into the largest distributor of Carbon Steel Pipe, Weld Fittings and Flanges on the island.

We understand the needs of our customers and what it means to have critical items readily available in stock, commitment to delivery, all at affordable costs.

Our massive inventory includes carbon steel fittings from ½” to 36” and flanges from ½” to 36” in all wall thicknesses, all pressure classes, low temp, and high yield. Larger diameters are available for purchase upon request.

Inventory options include:

- “Approved” Import from manufacturers originating in the USA and Western Europe.
- Generic Import, from manufacturers originating from China and other Asian continents.



# PIPES



Pipe and tubing are essential to any industrial operation and SSL has the exact type that you need. We are familiar with your required specifications and know exactly how to proceed to supply your required material on time and correct the first time. We stock several sizes and types of pipe and tubing in our warehouse and can supply what we don't have on our racks quickly and efficiently, directly to your job site or freight forwarder.

Our Pipe inventory predominantly consists of Carbon Steel A106 seamless pipe. SSL is known to be one of the largest importers and stockist of carbon and stainless steel pipe.

Our inventory ranges from 1/2" to 24", all schedules available. Larger diameters are available for purchase upon request.

In an effort to preserve the integrity of the material we have built one of the islands largest "covered" pipe storage facilities. "Material Pitting" is a common problem in humid climates such as Trinidad and Tobago and the Caribbean as a whole, having a "covered" pipe yard reduces the likelihood of "Pipe Pitting"

## PIPE DIMENSION CHART

NOM.	O.D.	LEGEND	5	10	20	30	40	STD	60	80	90	100	120	140	160	XXH
1/8"	.405"	AVG	.035	.049			.068	.068		.095	.095					
		LBS/FT	1.384	1.865			2.450	2.450		3.148	3.148					
1/4"	.540"	AVG	.049	.065			.088	.088		.119	.119					
		LBS/FT	2.572	3.301			4.252	4.252		5.396	5.396					
		AVG	.049	.065			.091	.091		.126	.126					
3/8"	.675"	LBS/FT	3.279	4.239			5.681	5.681		7.395	7.395					
		AVG	.065	.083			.109	.109		.147	.147				.188	.294
1/2"	.840"	LBS/FT	5.385	6.717			8.518	8.518		1.089	1.089				1.310	1.716
		AVG	.065	.083			.113	.113		.154	.154				.219	.308
3/4"	1.050"	LBS/FT	6.844	8.580			1.132	1.132		1.475	1.475				1.945	2.443
		AVG	.065	.109			.133	.133		.179	.179				.250	.358
1"	1.315"	LBS/FT	8.686	1.405			1.681	1.681		2.174	2.174				2.846	3.662
		AVG	.065	.109			.140	.140		.191	.191				.250	.382
1-1/4"	1.660"	LBS/FT	1.108	1.807			2.275	2.275		2.999	2.999				3.768	5.219
		AVG	.065	.109			.145	.145		.200	.200				.281	.400
1-1/2"	1.900"	LBS/FT	1.275	2.087			2.720	2.720		3.635	3.635				4.863	6.414
		AVG	.065	.109			.154	.154		.218	.218				.344	.436
2"	2.375"	LBS/FT	1.605	2.640			3.656	3.656		5.027	5.027				7.469	9.037
		AVG	.083	.120			.203	.203		.276	.276				.375	.552
2-1/2"	2.875"	LBS/FT	2.477	3.534			5.798	5.798		7.668	7.668				10.02	13.71
		AVG	.083	.120			.216	.216		.300	.300				.438	.600
3"	3.500"	LBS/FT	3.032	4.336			7.583	7.583		10.26	10.26				14.34	18.60
		AVG	.083	.120			.226	.226		.318	.318				.438	.636
3-1/2"	4.000"	LBS/FT	3.475	4.977			9.118	9.118		12.52	12.52				17.16	22.87
		AVG	.083	.120			.237	.237		.337	.337				.438	.674
4"	4.500"	LBS/FT	3.919	5.619			10.80	10.80		15.00	15.00		4.38		5.31	6.74
		AVG	.109	.134			.247	.247		.355	.355				.438	.710
4-1/2"	5.000"	LBS/FT					12.55	12.55		17.63	17.63				22.53	32.56
		AVG	.109	.134			.258	.258		.375	.375				.500	.750
5"	5.563"	LBS/FT	6.355	7.777			14.63	14.63		20.80	20.80		27.06		32.99	38.59
		AVG	.109	.134			.280	.280		.432	.432				.562	.854
6"	6.625"	LBS/FT	7.593	9.298			18.99	18.99		28.60	28.60		36.43		45.39	53.21
		AVG	.109	.134			.301	.301		.500	.500				.625	.952
7"	7.625"	LBS/FT					23.57	23.57		38.08	38.08				48.77	63.14
		AVG	.109	.148	.250	.277	.322	.322	.406	.500	.500	.594	.719	.812	.906	.875
8"	8.625"	LBS/FT	9.923	13.41	22.38	24.72	28.58	28.58	36.67	43.43	43.43	51.00	60.77	67.82	74.76	72.49
		AVG	.109	.134			.342	.342		.500	.500				.625	.952
9"	9.625"	LBS/FT					33.94	33.94		50.00	50.00				62.50	95.20
		AVG	.134	.165	.250	.307	.365	.365	.500	.594	.500	.719	.844	1.000	1.125	
10"	10.750"	LBS/FT	15.21	18.67	28.06	34.27	40.52	40.52	54.79	64.49	64.49	77.10	89.38	104.2	115.8	
		AVG	.134	.165			.375	.375		.500	.500				.625	.952
11"	11.750"	LBS/FT					45.60	45.60		60.13	60.13				75.16	90.19
		AVG	.165	.180	.250	.330	.406	.375	.562	.688	.500	.844	1.000	1.125	1.312	
12"	12.750"	LBS/FT	22.20	24.19	33.41	43.81	53.57	49.61	73.22	88.71	65.48	107.4	125.6	139.8	160.4	
		AVG	.250	.312	.375	.438	.375	.594	.750	.938	.750	1.156	1.375	1.562	1.781	
14"	14.000"	LBS/FT	36.75	45.65	54.62	63.50	54.62	85.13	106.23	127.16	131.0	150.9	170.4	189.3		
		AVG	.250	.312	.375	.438	.375	.594	.750	.938	.750	1.156	1.375	1.562	1.781	
16"	16.000"	LBS/FT	42.09	52.32	62.64	72.96	62.64	107.6	136.7	165.8	165.0	192.6	223.9	245.5		
		AVG	.250	.312	.438	.562	.375	.750	.938	.500	1.156	1.375	1.562	1.781		
18"	18.000"	LBS/FT	47.44	58.99	69.54	80.09	70.65	138.3	171.1	203.9	208.2	244.4	274.5	308.8		
		AVG	.250	.375	.500	.594	.375	.812	1.031	1.250	1.281	1.500	1.750	1.968		
20"	20.000"	LBS/FT	52.78	65.47	78.16	90.85	80.42	156.6	209.1	251.6	256.3	296.6	341.4	379.4		
		AVG	.250	.375	.500	.594	.375	.875	1.125	1.500	1.375	1.625	1.875	2.125		
22"	22.000"	LBS/FT	58.13	72.16	86.19	100.22	89.75	179.6	231.0	282.4	287.1	338.4	393.9	431.5		
		AVG	.250	.375	.500	.594	.375	.969	1.219	1.500	1.531	1.812	2.062	2.344		
24"	24.000"	LBS/FT	63.47	79.71	95.95	112.19	101.72	203.6	266.9	320.2	325.9	383.6	443.6	486.6		

### CARBON STEEL PIPE

SEAMLESS PIPE (1/4" - 30")  
Schedules 10-XXH  
Heavy wall to 5.5" (139.7mm)  
HIGH-TEMPERATURE SERVICE:  
A/SA 106B/C, A/SA 53 B  
Fittings: A/SA234 WP B/C  
Flanges: A/SA105N  
LOW-TEMPERATURE SERVICE:  
A/SA333 Grade 1, Grade 6 and Grade 3  
A671 CC65 EFW @-50F - welded alternative to A333  
Fittings: A/SA420 WPL6, WPL3  
Flanges: A/SA350 LF2, LF3  
WELDED PIPE (2" - 48")  
Schedules 10-80  
A/SA53-B  
A672 C70 CL22 - welded alternative to A106  
API 5L B, X-42, X-52, X-60, X-65, X-70  
A500 B, A500 C, A252  
High-yield fittings and flanges

### ALLOYS

CHROME-MOLY STEEL PIPE (1/4" - 30")  
Schedules 40-XXH  
A/SA335 P-11, P-22, P-5, P-9 and P-91  
A691 1 1/4 Chromes - 9 chrome - welded alternative to A335  
Fittings: A/SA234 WP-11, WP-22, WP-5, WP-9 and WP-91  
Flanges: A/SA182 F-11, F-22, F-5, F-9 and F-91  
4130/4140 ALLOY PIPE & TUBE  
4130 Pipe: 2" - 12" Nominal O.D.  
Schedules 120 - 1500"  
4140 Tube: 3" - 18" O.D.  
Wall thicknesses: .500" - 2.500"  
SPECIFICATIONS AND GRADES:  
A519-4130, A519-4140, API 5CT L80 - equivalent mechanicals, API 5CT P110 - equivalent mechanicals, API 5CT Q125 - equivalent mechanicals  
Flanges and fittings: 4130



# VALVES



Southern Supplies Limited is an authorised distributor for KITZ valves on the island and we have made available in our inventory the KITZ range of valves.

One of the world's leading valve manufacturers, KITZ produces more than 40,000 types of valves for a broad range of applications. All their valves boast outstanding reliability and quality due in large part to testing and analytic technologies that are the most advanced in the industry.

Kitz testing and analysis equipment allows them to study valves and materials under conditions that are exactly the same as in the locations where they will be used by customers. They perform these tests repeatedly. Only the valves that meet our stringent standards for dependability are included in the KITZ product line up.

KITZ is constantly working on new ideas for products and materials by retaining this commitment to both basic and applied research

Their general product range consists as follows:

Gate, Globe, Check, Butterfly and Ball Valves, Strainer.	
Pneumatic and Electric Actuators for Valves	
Temperature Range	-196°C to + 800°C (-320°F to + 1500°F)
Size Range	1/2" to 48"
Medium	Fluids, Gas
Pressure Range	ANSI Class 150 # to 2500 #
Materials	Carbon Steel / Stainless Steel / Titanium / Hastelloy & Duplex / Inconel & Monel, other Special Materials



# FITTINGS



Cast Steel and Forged Steel Fittings are fundamental to any piping operation, we understand that having the correct size, pressure and schedule for a critical job sometimes means high cost in the absence or late delivery of such. We pride ourselves on knowing what you need and assisting customers with the right choice.

Our inventory comprises the following range:

- Cast Steel Fittings- ½" thru 24" (Larger diameters available), all schedules and material grades.
- Forged steel fittings ½" thru 6", all pressures and end connections available.
- Elbows, Tees, Crosses, Caps, Plugs, Reducers, Bushings, Unions, Nipples, Swages, Outlets etc.

# FLANGES



Pipe flanges that are made to standards called out by ASME B16.5 or ASME B16.47 are typically made from forged materials and have machined surfaces. B16.5 refers to nominal pipe sizes (NPS) from ½" to 24". B16.47 covers NPSs from 26" to 60". Each specification further delineates flanges into pressure classes: 150, 300, 400, 600, 900, 1500 and 2500 psi for B16.5; B16.47 delineates its flanges into pressure classes 75, 150, 300, 400, 600, 900.

Our inventory comprises the following range:

- ½" thru 30" (larger diameters available for purchase on request), all material grades, schedules and pressures
- RTJ, Serrated and RF
- Weld Neck, Blind, Socket Weld, Threaded, Lap Joint, Orifice, Slip Blinds and Spectacle Blinds.



# STUDS



Fully threaded stud bolts available in standard and custom lengths, in various coatings and material grades. Our pre cut studs come assembled with 2 nuts per studs. The nuts are also sold separately in various coating and material grades.

Our in house machining facilities can also make off chart sizes from our inventory of threaded bars.

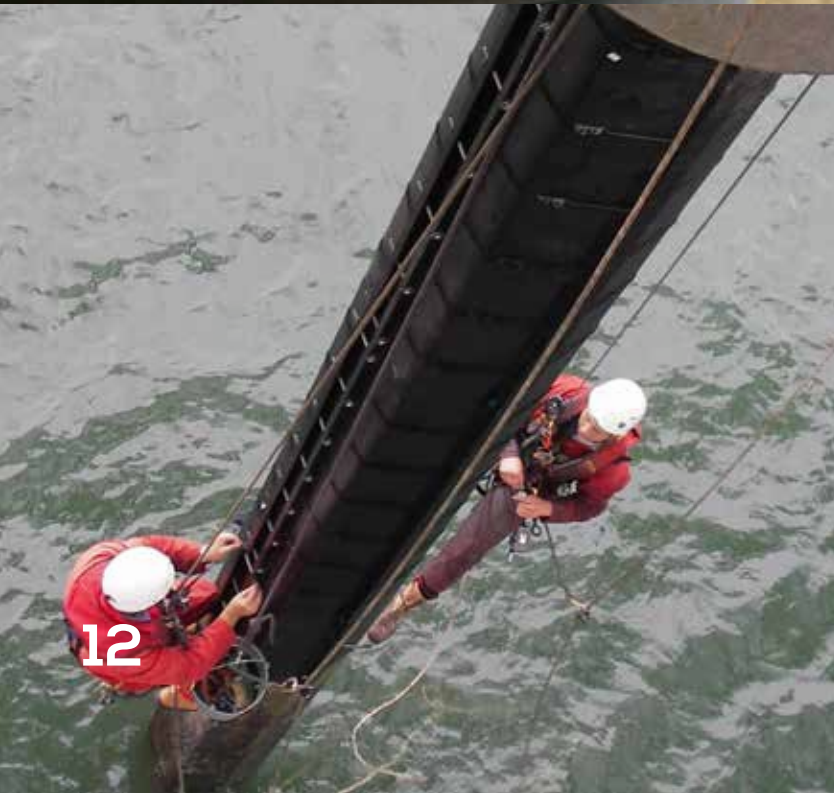
# GASKETS



Southern Supplies Limited is the authorised distributor for Klinger gaskets. Klinger is the world's leading developer and manufacturer of quality sealing products for the oil and gas, petrochemical, aerospace and defence, utilities, pharmaceuticals and chemical industries.

It's a position never taken for granted and so Klinger continues to invest in skills and technology together with research and plant infrastructure. Klinger has developed a comprehensive product range including Maxiflex, Maxiprofile, RTJs, Metal Clad Gaskets, KLINGERSIL® compressed fibre and PTFE sheeting to solve all sealing applications. Customers, which include major global enterprises, recognise the reliability of Klinger's products and have enabled Klinger to retain the status as industry leaders.

Product quality remains paramount to Klinger ensuring the products maintain their excellent reputation within our industry. Klinger operates a quality management system in accordance with ISO 9001:2008 and has been accredited since 1990. Furthermore, they have attained and implement BS EN 9100:2003 in their commitment to the aerospace industry.



# COATINGS



Southern Supplies limited is the authorised distributor for Denso Protective Coatings. Denso tape was developed over 80 years ago for the “Long Life Protection” of buried steel pipelines against corrosion.

Denso’s anti-corrosion and sealing products have a proven track record of solving problems in all kinds of challenging environments worldwide, above or below ground and underwater. Denso’s products and systems are backed by a team of qualified professionals who provide technical support and on-site guidance.

Denso North America offers a number of products to meet your Corrosion Prevention and Sealing needs.

- Protal Pipeline Liquid Coatings
- Petrolatum Tape Systems
- Sealing and Moulding
- Primers
- Bitumen Tapes and Butyl Tapes
- Protective Outer wraps
- Sea Shield Marine Systems
- Archco Rigidon Coatings and Linings
- Road Products
- Tank Base Protection System



MP

Search For

Heat # 215154 Class: \_\_\_\_\_ Note 2: \_\_\_\_\_

Serial # \_\_\_\_\_ M#: \_\_\_\_\_ Filename: \_\_\_\_\_

Desc: \_\_\_\_\_ P.O. # \_\_\_\_\_ Surr Sequence: Heat # \_\_\_\_\_

Size: \_\_\_\_\_ Note 1: \_\_\_\_\_ Location: \_\_\_\_\_

Heat #	Serial #	Desc	Size	Class	M#	P.O. #
215154	M615702	SO 150LB RF 316L	6"	150	TEAM ALLOYS	50160
215154	M615702	BLIND 150LB RF 316L	2"	150	TEAM ALLOYS	50160

Total MTR's Listed: 2

Database Information:

Heat # 215154 P.O. # 50160-02 Total Pages: 11

Serial # M612860 Note 1: METAL/AN Quoted: No

Desc: SO 150LB RF 316L Note 2: \_\_\_\_\_ Source: SCAN

Size: 6" Filename: 00000144 Entered By: DJF

Class: 150 Received: 31/23/2012 Last Edited By: \_\_\_\_\_

M#: TEAM ALLOYS Guest Info: Receipts: 0 Pages: 11

Enter Search Criteria:

Add Items Add Pages Refresh Close Print Query View

# QUALITY ASSURANCE

Our years of experience in the P.V.F industry, investment in technology and our investment in our people, aims at eliminating mistakes and adherence to quality control in the products we bring to the end user.

We are continuously improving our supply integrity through research and development. We always strive to educate ourselves and our customers on the relevant changes in the industry.

Quality assurances and verification of material is a standard practice at the point of receiving materials into our warehouse.

Material received by Southern Supplies Ltd. must have the accompanying mill test certificates. Southern Supplies Ltd stores our manufacturers mill test certificates using a robust database and software for record keeping and accountability.





We are continuously improving our processes, technologies and facilities to ensure that the current and ever evolving needs and Quality Control Requirements of our Clients are met. In a rapidly changing and fast paced environment, we are expanding and increasing our capabilities so that we can better serve you.

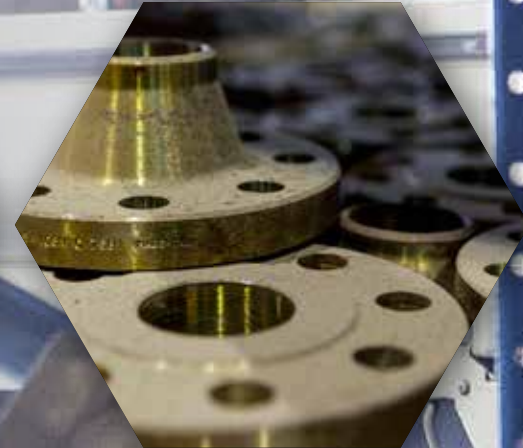
# COMING SOON



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**Southern Supplies Ltd.**



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