



## PROJECT REFERENCE LIST

The following list details major applications for Taper-Lok flanges supplied for both domestic and foreign use. The reader should note that although no quantities are specified, many of the applications contain 50+ connections.

### (Domestic & Foreign Projects Combined for 2006 - 2008)

**2008 (thru May 31, 2008)**

Customer	Size	Pressure	Material	Project	Loc	Description
CP Industries	5"	1PC-2	SA350-LF2		Offshore	Weld Neck & Blinds for Tensioner Pressure Canisters
Prosep	9"	900#	SA350-LF2	Membrane Systems		Gas Membrane Separators
Tennessee Eastman	8", 6", 2"	1500#	316 SS	Hydrogen Plant	Plant	Long Weld Neck flanges for Hydrogen Service
CP Industries	5"	PC-2	SA350-LF2		Offshore	Weld Neck & Blinds for Tensioner Pressure Canisters
Whitco Supply	6"	10,000#	A694-F65	ATP Mirage	Offshore	Weld Neck Flanges to mate to Choke & Kill Valves
China Offshore Oil Eng. Co.	20"	900#	A694-F65	PY30-1 Bohai Bay	Offshore	Weld Neck and Swivel Flanges for Pipeline Tie-In
BP / Mustang Engineering	8"	2500#	A694-F65	BP Dorado	Offshore	Misalignment / Swivel Combination Flanges
Prosep	9"	900#	SA350-LF2	Membrane Systems		Gas Membrane Separators
Ariel	4"	PC-2	SA350-LF2	Compressors		Weld Necks and Nozzles
BP Exploration / Sonotrac	14"	2500#	SA765-11	Pressure Vessel	Plant	Blind Flange Assy for Pressure Vessel
Ariel	3.5" & 4"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges & Nozzles
National Oilwell	6"	PC-1	304 SS		Offshore	Weld Neck Assemblies
Knolls Atomic Power	4"	PC-2	304 SS	Atomic Power	Plant	Weld Neck Assemblies for Atomic Power Plant
HanTech	18"	600#	Incolloy 800H	Huanghe Hydropower	Plant	Weld Neck and Blind flanges for Polysilicon Plant
Tennessee Eastman	1"	PC-2	304 SS	Hydrogen Plant	Plant	Weld Neck Assemblies
Stewart & Stevenson	6"	150#	A105	Frac Trucks	Truck	6" Quick Assembly Swivel Flange Assemblies
National Oilwell	6"	PC-1	304 SS		Offshore	Weld Neck Assemblies

**2007**

Customer	Size	Pressure	Material	Project	Loc	Description
HanTech	6", 18", 20"	600#	Incolloy 800H	Huanghe Hydropower	Plant	Weld Neck and Blind flanges for Polysilicon Plant
China Offshore Oil Eng. Co.	20"	900#	A694-F65	PY30-1 Bohai Bay	Offshore	Weld Neck and Swivel Flanges for Pipeline Tie-In
China Offshore Oil Eng. Co.	12"	900#	Duplex SS	PY30-1 Bohai Bay	Offshore	Weld Neck and Swivel Flanges for Pipeline Tie-In
Valero - Corpus Christi	77"		CS w/SS o'lay	Heat Exchangers	Plant	Heat Exchanger Closures
Valero - Three Rivers	54", 68", 72"		CS w/F347 o'lay	Heat Exchangers	Plant	Heat Exchanger Closures
Progressive Recovery	10"	600#	304H SS	Pressure Vessel	Plant	Male Blind Assembly for Pressure Vessel
HanTech	6", 18", 20"	600#	Incolloy 800H	Huanghe Hydropower	Plant	Weld Neck and Blind flanges for Polysilicon Plant
Conoco Phillips / ITF	4", 6", 12", 24", 3	600#-1500#	A694-F65	Bohai Bay - China	Offshore	Subsea Tie in connections (Swivels, MAFs, MVL's)
National Oilwell	6"	PC-1	304 SS		Offshore	Weld Neck Assemblies
China Offshore Oil Eng. Co.	10"	900#	A694-F65	HZ25-3/1 Bohai Bay	Offshore	Weld Neck, Blind, and Swivel Tie-In flanges for subsea
Petrotech Heaters	3"	PC-1	A105		Plant	Weld Neck Assemblies
Prosep	9"	900#	SA350-LF2	Membrane Systems		Gas Membrane Separators
JP Kenny / Callon Petroleum	5-1/8" API	10,000#	A694-F70 / 625	Entrada	Offshore	Swivel, Weld Neck, and Blind Flanges for Hull Piping
Stewart & Stevenson	3" & 10"	300#	A105	Frac Trucks	Truck	3-Bolt Swivel Assemblies
Ariel	3.5" & 4"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges & Nozzles
Integris	3"	PC-2 & PC-4	F51			Male Blind Assembly
Stewart & Stevenson	3" & 10"	300#	A105	Frac Trucks	Truck	3-Bolt Swivel Assemblies
UOP	9"	600#	SA350-LF2	Membrane Systems		Gas Membrane Separators
Integris	3"	PC-2 & PC-4	304 SS			Flanges & Seal Rings
ITF / Conoco Phillips	12" & 24"	600#	A694-F65	Bohai Bay - China	Offshore	Swivel and Misalignment Assemblies
Ariel	3.5" & 4"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges & Nozzles
Universal Compression	1.5"	1500#	SA350-LF2	Compressors	Plant	Male Blind Flanges
Tennessee Eastman			316L	Hydrogen Plant	Plant	Studded Tee's, Elbows, Seal Rings
Shaffer	5"	PC-1	SA350-LF2	Hydrogen Plant	Offshore	Female Flange
MasterFlo / Mustang Eng	6"	2500#	4130	ATP Mirage	Offshore	Female Flange for Chokes
ISP Technologies	1/2"	600#	304 SS		Plant	Seal Rings
BC Petro / PETRONAS	8" & 12"	900#	A694-F65	Puteri Wellhead	Offshore	10 deg Misalignment Assemblies
Valero - Texas City	58"		F11 / 308L	Valero Refinery	Plant	Heat Exchanger Closure
Leighton Contractors	30" & 48"	600#	A694-F52	Jamnagar Export Ref.	Offshore	Swivel Assemblies
Tennessee Eastman			316L	Hydrogen Plant	Plant	Studded Tee's, Elbows, Seal Rings
Pressure Engineering, UK	34"	900#	4130	Pressure Vessel	Plant	Male Blind / Weldneck / Seal Ring

Customer	Size	Pressure	Material	Project	Loc	Description
Stewart & Stevenson	3" & 10"	300#	A105	Frac Trucks	Truck	3-Bolt Swivel Assemblies
ITF / Conoco Phillips	12" & 24"	600#	A694-F65	Bohai Bay - China	Offshore	Swivel and Misalignment Assemblies
Tennessee Eastman			316L	Hydrogen Plant	Plant	Studded Tee's, Elbows, Seal Rings
Ariel	3.5" & 4"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges & Nozzles
Valero McKee	52", 54", 55"		F11, F347, F22	Valero Refinery	Plant	Heat Exchanger Closures & Seal Rings
Stewart & Stevenson	3" & 10"	300#	A105	Frac Trucks	Truck	3-Bolt Swivel Assemblies
Tennessee Eastman			316L	Hydrogen Plant	Plant	Studded Tee's, Elbows, Crosses
Tennessee Eastman	2" & 4"		316L	Hydrogen Plant	Plant	Hydrogen Service
ITF / Conoco Phillips	12" & 24"	600#	A694-F65	Bohai Bay - China	Offshore	Swivel and Misalignment Assemblies
ITF / Conoco Phillips			B7M	Bohai Bay - China	Offshore	Spare Bolting
Prosep	9"	600#	SA350-LF2	Membrane Systems		Gas Membrane Separators
Ariel	3.5" & 5"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges & Nozzles
Benicia Fabrication	53" & 58"		Inconel 625	Valero Refinery	Plant	Inconel Overlay Closures, Inconel Seal Rings
Leighton Contractors	30" & 48"	600#	A694-F52	Jamnagar Export Ref.	Offshore	Swivel Assemblies
Leighton Contractors	30" & 48"	600#	A694-F52	Jamnagar Export Ref.	Offshore	30" 10 deg Misalignment, 48" 5 deg Misalignment
ITF / Conoco Phillips	16", 24", 30"	900#	A694-F65	Bohai Bay - China	Offshore	Swivel Assemblies, Misalignment Assemblies
CP Industries	5"		SA350-LF2	Pressure Vessels		Male Blind Assemblies for Pressure Vessels
Ariel	4" & 5"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges & Nozzles
Ariel	3.5" & 5"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges & Nozzles
UOP	9"	600#	SA350-LF2	Membrane Systems		Gas Membrane Separators
Integris	2"	PC-2	316L			Weld Neck Assembly
ITF / Conoco Phillips	8" & 16"	900#	A694-F65	Bohai Bay - China	Offshore	Female Weld Neck Assembly
Tennessee Eastman			316L	Hydrogen Plant	Plant	Studded Tee's, Elbows, Crosses
Mechanical Pipe & Supply	2.5"	PC-1	A335-F22		Plant	Weld Neck Assembly
Techniflo Corp	2"	PC-2S	SA350-LF2			Weld Neck / Blind Assembly
ITF / Conoco Phillips	4", 12", 30"	300# - 900#	A694-F65	Bohai Bay - China	Offshore	Swivel, Misalignment, & Blind Assemblies
Tennessee Eastman	2" & 4"		316L	Hydrogen Plant	Plant	Hydrogen Service
Universal Compression	4"	PC-2	SA350-LF2	Compressors		Male Blind Assemblies
Ariel	3.5" & 5"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges & Nozzles
ITF / Conoco Phillips	12" & 24"	600# & 900#	A694-F65	Bohai Bay - China	Offshore	Swivel Flange Assemblies
Prosep	9"	600#	SA350-LF2	Membrane Systems		Gas Membrane Separators
Ariel	3.5" & 5"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges & Nozzles
Paragon	8"			BP / Atlantis		
ITF / Conoco Phillips	8" & 16"	900#	A694-F65	Bohai Bay - China	Offshore	Swivel Flange Assemblies
El Paso Exploration	12"	900#	A694-F52		Pipeline	10 degree Misalignment Flange Assembly
Techniflo Corp	2"	PC-2S	SA350-LF2			Weld Neck / Blind Assembly
Ariel	4" & 5"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges and Nozzles
Global Offshore / PEMEX	24" & 30"	600#	A694-F52	SubSea Tie-in	Offshore	10 degree Misalignment Flange Assemblies
Ariel	3" & 4"	PC-2 & PC-4	SA350-LF2	Compressors		Compressor Flanges and Nozzles
Flowserve	1"	PC-1	316L		Plant	Valve Fitting

**(Domestic U.S. only for 1998 - 2005)**

**2005**

Customer	Size	Pressure	Material	Project	Loc	Description
Tennessee Eastman Chemical	3/4", 1 1/4", 3"		A182 316/316L			Hydrogen Service
Dolphin Services	3", 4" 6"	600#	SA-105	Kerr-McGee	GOM	Topside Revamp
KAPL, Inc.	3"	PC-5	Zircaloy			Zircaloy Weld Necks
Compressor Systems Inc.	3.5'	PC-4	SA350-LF2			Compressor Components
CNOOC / HHI	28"	PC-16	A694-F60	South Cina Sea	Offshore	Special Design, Subsea Connections
FMC Technologies	14"	5,000 psi	A694-F60	EXXON, Kazomba	Offshore	Misalignment Connector, Topside App.
Hull Support Service	10"	900#	A694-F65	Trinidad	Offshore	Misalignment Connectors
ITF	8", 16", 24"	PC-4 through 12	A694-F65	ConocoPhillips	Offshore	Bohia Bay Project, China, Subsea Tie-ins
Ariel Corporation	3 1/2", 4" & 5"	PC-2, PC-4	SA350-LF2			Compressor Flanges and Nozzles
UOP	9"	600#	SA-105		Offshore	Blind Flange Assemblies. Gas Membrane Separators
Valero Refining	50"		SA-105	Texas City Refinery	Plant	Heat Exchanger Closure
Global Offshore	28"	1500#	A694-F52	PEMEX	GOM	Misalignment Flanges

**2004**

Customer	Size	Pressure	Material	Project	Loc	Description
ROA Pipeline Services	8", 12"	600#	A694-F52	PEMEX	GOM	Misalignment Flanges
Ariel Corporation	3 1/2", 4" & 5"	PC-2, PC-4	SA350-LF2	Compressors		Compressor Flanges and Nozzles
Brown Fintube	4"		304 SS	Heat Exchanger		Seal Rings
Tennessee Eastman Chemical	1 1/2", 3"	PC-1	A182 316/L	Hydrogen Plant		Hydrogen Service
ROA Pipeline Services	12"	900#	A694-F52	PEMEX	GOM	Misalignment Flanges
ISP Technologies	1/2"	PC-2				
Pro-Tech Valve	4"	PC-2	SA350-LF2			Weld Neck Assemblies
UOP	9"	600#	SA-105	Membrane Systems	Offshore	Blind Flange Assemblies. Gas Membrane Separators
Compressor Systems Inc.	4"	PC-2	SA350-LF2	Compressors		Ariel Compressor Components
Peerless Manufacturing	8"	PC-3	SA-105	Pressure Vessels		Manways
Tennessee Eastman Chemical	3"		A182 316/L	Hydrogen Plant		Hydrogen Service
Mustang Engineering	3" & 8"	API 10,000	MS-SP-75 Special	BP Atlantis	GOM	Topside Misalignment Flanges, Special Loads
ITF	8", 16", 24"	PC-4 through 12	A694-F65	ConocoPhillips	Offshore	Bohia Bay Project, China, Subsea Tie-ins
Dolphin Services	2", 4", 6", 8"		SA-105	Kerr-McGee	GOM	Topside Revamp
Global Industries	16"	600#	A694-F52	PEMEX	GOM	Misalignment Flanges

**2003**

Customer	Size	Pressure	Material	Project	Loc	Description
Ariel Corporation	4"	PC-2	SA350-LF2	Compressors		Gas Compressor Components
Kvaerner Process Systems	9"	600#	SA-105	Membrane Systems		Blind Flange Assemblies. Gas Membrane Separators
UOP	9"	600#	SA-105	Indonesia	Offshore	Blind Flange Assemblies. Gas Membrane Separators
McDermott	2"-18"	600#-10,000 psi	A516-70	BP Holstein	GOM	Topside Weld Neck Assemblies
Project Consulting	6"	1500#	A694-F65		GOM	Ocean Energy, Misalignment Flange
Technip-Coflexip	16" & 24"		A694-F65	BP Holstein	GOM	Gas and Crude Export Risers, High Bend Loads
Chromalox	6" - 14"	2500#				BLIND FLANGE ASSEMBLIES
Technip-Coflexip	16" & 24"		A694-F65	BP Mad Dog	GOM	Gas and Crude Export Risers, High Bend Loads
Knolls Atomic Power Lab			Zircalloy			Weld Neck Flanges
Hanover	24"		A105			Gas Separator Closure
Hyradix	16"					Hydrogen Fuel Cell Closures
Hanover	2" - 3"	2500#	A105			Spherical Adaptors
Alloy Engineering	2"					2" Thermowells, Hast.& Duplex Materials
Ariel Corporation						Compressor Applications
Brown Fintube						Heat Exchanger Applications
Integrus Metals	2"	PC 2	SA182-F51		N	Flange Assemblies
BP America Production			AlSI 4130	Holstein		Studded Transition Flanges
Shinko Pantec Co.	1"		SB564-625			Weld Neck Flanges
Hanover Smith	24"	4000#	SA350-LF2			Weld Neck Flange Assemblies
Petro-Tech Heaters	4"	PC 1	SA182-316			Weld Neck Flanges
CP Industries	5"	PC 1S	SA350-LF2			Nozzles, Blind Flanges
Weatherford Pipeline	1"	PC 1	SA-105		N	Flanges
Shaffer-Varco Drilling	5"		SA350-LF2			Special Weld Neck Flanges

## 2002

Customer	Size	Pressure	Material	Project	Loc	Description
Ariel Corporation						Compressor Applications
Brown Fintube						Heat Exchanger Applications
Specialty Components Sales	36"		SA350-LF2			Studded Closure- WN Flange Assemblies
Jarecki Industries	3"		SA182-304H			Special Weld Neck Flange Assemblies
Kvaerner Process Systems	10"	1480 PSI	SA-105		N	Spec. Straight Hub Flanges
BP America Production	4"	PC 2	SA-105		O	Female Weld Neck Flange
Varco Drilling Support	6"	PC 1	SA182-304			Weld Neck Flange Assemblies
Peerless Mfg. Co.	5"	PC-2S	SA-105			Spec. Male Flange W/Transition Bore
Universal Compression	4"	PC 2	SA-105			Spec. Male X Type Nozzle
BP Trinidad & Tobago%KRB	36"		A694-F56			TL Weld Neck Closure Assemblies
Integris Metals	3"	PC 2	SA182-316L			Weld Neck Flanges
Motiva Enterprises	3"	PC 2	SA516-GR70			Blind Flanges
Weatherford	1 1/2"	PC 2	SA-105		N	Blind Flanges
ISP (Tulsa)	3 1/2"	PC 5	SA-105		N	Nozzles
BP Trinidad & Tobago, LLC	48"		A694-F65	Bombax	S	Weld Neck Flange Assemblies
Shinko Pantec Co., Ltd.	1"		SB564-625			Weld Neck Flange Assemblies
Pro-Tech Valve Sales, Inc.	3"	PC 2	SA350-LF2		N	Male & Female Flanges
JW Power Co - Longview	4"	PC 2	SA350-LF2			Weld Neck Flange Assemblies
JW Power Co - Longview	3 1/2"	PC 1-6	SA350-LF2			Blanking Plugs
Mid-West instrument	1 1/2"	PC 2	SA516-GR70		N	Blind Flanges
Halliburton Measurement	1"	PC 1A	SA-105			Weld Neck Assemblies
EDG-Ocean Energy	6"		A694-F52			Misalignment Assemblies
EDG-Ocean Energy	6"		A694-F52			Special Swivel Flange Assemblies
EDG-Ocean Energy	6"		SA-105			Blind Flanges
EDG-Ocean Energy	5 1/8"	7000 PSI	SA-105	MS Canyon	N	Weld Neck Flanges
Wilkinson Supply Co.	3/4"	PC 2	SA182-F304		N	Weld Neck Assemblies
Grand Isle Shipyard, Inc.	4"	PC 5	4130			Blind Flanges
Compressor Systems, Inc.	1 1/2", 4"	PC 2	SA-105			Blind Flanges
Kvaerner Process Systems	10"	300#	SA-105			Closure Sets
Integris Metals	2"	PC 2	SA182-F51		N	Flange Assemblies
Hanover Smith	24"	4000#	SA-105			Weld Neck Flange Assemblies
BP America Production	2, 3, 4, 6, 8, 10", 12"	PC 1				Weld Neck Flange Assemblies
Hanover Southloop	4"	PC 2	SA350-LF2			Blind Flanges
Familian Northwest	4"	PC 1	SA-105			Blind Flanges
EDG-Ocean Energy	6"		A694-F52			Swivel Joints
Global Industries Offshore	6"		A694-F52	Southpass	O	Swivel Joints
Global Industries Offshore	6"		SA350-LF2			Blind Flanges

## 2001

Customer	Size	Pressure	Material	Project	Loc	Description
Ariel Corporation						Compressor Applications
Brown Fintube						Heat Exchanger Applications
Comissa, Div. Of KBR	3", 4"		SA 105N			20 Deg. Misalignment Flange Assemblies
Hanover Smith	10"	PC 7	SA-105N			Weld Neck Flange Assemblies
Petro-Tech Heaters, Ltd.	3", 3 1/2" 4"	PC 1	SA182-316L			Weld Neck Flange Assemblies
Bay Ltd.	8"	2500#	AISI 4130	Mustang/BP		Special Weld Neck Assemblies
Weatherford	8"		AISI 4130			Special API 10K Adapter
Weatherford	1 1/2"	PC 1				Male Blind Flange
Pro-Tech Valve Sales	3", 4"	PC 2	SA350-LF2		N	Weld Neck Flange Assemblies
Plains Marketing	8"	600#	SA 105		N	Misalignment Flange Assemblies
Studsvik Processing	2"	600#	SA182-F316L			Weld Neck Flange Assemblies
Hydroprocessing	1/2"	PC 1	SA182-316			Female Blind Flange
Hydroprocessing	5"					Hydrocyclone Assemblies
Hydroprocessing	2 1/2"					Weld Neck Flanges
Hydroprocessing	1"		SA350-LF2		N	Spec. Dual Gender Flanges
Kerr McGee Oil & Gas	4"	PC 2	SA516-GR70			Weld Neck Flange Assemblies
Anderson, Greenwood & Co.	1"	PC 3S	SA182-F316L			Female Reducing Flanges
Coffer Corp.	24"	300#				Misalignment Swivel Assemblies
Coffer Corp	24"	600#				Misalignment Swivel Assemblies
Kvaerner Process Systems	24"	600#	SA-105			TL Closure Assemblies
Hanover Smith	24"		SA-105			TL Vessel Closure Assemblies
Hanover Compression, LP	1 1/2", 4"	PC 2	SA516-GR70		N	Weld Neck Flanges
Hanover Compression, LP	3 1/2"	PC 5	SA350-LF2		N	Blind Flange Sets
Dynamic Machine, Inc.	8", 10", 14"	PC 1	SA-105			Weld Neck Flange Assemblies
Balian Bingshan Group	24"					Spec. Nozzle X Blind MNWY Assemblies
International Specialty Prod.	1"	PC 3S	SA182-316L			Special Weld Neck Flanges
CP Industries	5"	PC 1S	SA350-LF2			Special Nozzle
CP Industries	5"	PC 1	SA350-LF2			FM Blind Flanges
Wilson Supply	1 1/2"	PC 3	SA182-316	ARCO		Male Blind Thermowell
A&B Bolt & Supply	4"	PC 2	SA-105			Blind Flange Assemblies
Familian Northwest	4"	PC 2		SA-105	Unocal	Blind Flange Sets
Varco Drilling Support	2"	PC 1	SA182-F316			Weld Neck Flange Assemblies
FMC/Sofec, Inc.	8"	PC 1	SA-105			Weld Neck Flange Assemblies
BP Trinidad & Tobago LLC	20", 26", 48"					Weld Neck Flange Assemblies
KAPL-Knolls Atomic Power	3"	PC 2	SA182-316			Weld Neck Flange Assemblies

## 2000

Customer	Size	Pressure	Material	Project	Loc	Description
Ariel Corporation						Compressor Applications
Brown Fintube						Heat Exchanger Applications
Shinko Pantec Co.	1/2", 3/4", 1", 1 1/2"		SB564-625	Kansai Int'l Airport	N	Weld Neck Flange Assemblies
Wilson Supply	4"	PC 5, PC 6	AISI 4130			Weld Neck Assemblies
Wilkinson Supply Co.	1"	PC 3				Weld Neck Assemblies
Wilkinson Supply Co.	1"	PC 3				Weld Neck Flange Assemblies
Familian Northwest	4"	PC 2				Blind Flange Assembly
Familian Northwest	4"	PC 2				Blind Flange Assembly
Huntsman Chemical Corp.	1/4"	4200 PSI				Special Blind Flanges
Petro-Tech Heaters, Ltd.	3 1/2", 4"	PC 1	SA 316			Weld Neck Flange Assemblies
Petro-Tech Heaters, Ltd.	4"	PC 2				Female Flanges
Hanover	5"					Male Blanking Plug
Petrotech Valve Sales, Inc	3"					Weld Neck Flanges
Petrotech Valve Sales, Inc	3", 4"	PC 2				Weld Neck Flange Assemblies
Studsвик Processing	2"	600#				Weld Neck Flange Assemblies
Jord Engineers	1"	PC 1				Weld Neck Flange Assemblies
Dynacs Engineering Co.	2"	100 PSI	SA182-316			Straight Hub Flanges
KAPL	3"	PC 2				Weld Neck Flange Assemblies
Black Gold Valve	3 1/2"	PC 2				Weld Neck Flanges
Technical Control Systems	4"	PC 5				Weld Neck Flange Assemblies
Kerr McGee Oil & Gas	4"	PC 5				Weld Neck Flange Assemblies
TRW	3/4"	PC 1				Weld Neck Flange Assemblies
TRW	3/4"	PC 1	SA182-F304L			Male Flanges
FMC Corporation	8"	2500#				Weld Neck Flanges
FMC Corporation	1"	PC 1				Blind Flange Sets
FMC Corporation	8"					Special Sph Align Assemblies
FMC Corporation	8"					Blind Flange Assemblies
Hanover Maintech	3 1/2"	PC 5	SA516-GR70			Blind Flange Assemblies
Anderson, Greenwood & Co.	1"	PC 2S				Special Reducing Flanges
Hydroprocessing	2 1/2"					Special Weld Neck Flanges
Hydroprocessing	2 1/2"					Dual Gender MXF Blind Flanges
Hydroprocessing	1", 2 1/2"					Special Weld Neck Flange Assemblies
ARCO el Djazair % Jetair	14"	2500#	304 SST			Cone Strainers
Tennessee Eastman	1 1/4"		316 SST			Studded Elbow Block
Tennessee Eastman	1 1/4"		316 SST			Reducing Weld Neck Assemblies
Genoyer Group, Inc.	24"	300#	A694-F52			10 Deg. Misalignment Flange Assemblies
Lanex Corporation	12"	600#	A694-F52			Misalignment Flange Connector
Coastline Resources, Inc.	3"	1500#	SA350-LF2			10 Deg. Misalignment Assemblies
Americool Manufacturing	1 1/2"	PC 1				Weld Neck Flange Assemblies

## 1999

Customer	Size	Pressure	Material	Project	Loc	Description
Ariel Corporation						Compressor Applications
Cimarron Machine Services	4"	PC 2	SA479-304		N	Weld Neck Flange
Hill Manufacturing	4"	PC 2	SA479-F304		N	Flanges
CP Industries	5"	PC 1	SA350-LF2		N	Nozzles
McJunkin Corporation	1/2"	PC 2	SA182-316		N	Weld Neck Flange Assemblies
Exxon	50"			Diana	S	Flange Connector Can to Can
Exxon	36"			Diana		Can Extension for 50" Can to Can
Shaffer	5"		AISI 4130			Special Spool to Valve Assemblies
Shaffer	2"	PC 1	SA182-304			Flanges, Flange Assembly Reducer Sets
Shaffer	6"		SA350-LF2			Blind Flanges, Special Flanges
Compressor Systems, Inc.	5"	PC 2	SA516-G70		N	Blind Flanges
Oryx Energy Co.	4"		SA350-LF2			Weld Neck Reducing Flanges
Wilson Supply	4"	PC 2	SA350-LF2			WN Flanges, Reducing Flanges, Blind Flanges
Wilson Supply	2"	PC 1	SA350-LF2			Weld Neck Flange Assemblies
UBE America, Inc.	10"	PC 1	SA-105			Weld Neck Flange Assemblies
Retsco International, Inc.	4"	PC 2	SA-105			Blind Flanges
Hanover Compression	5"	PC 1	SA516-GR70			Blind Flanges
ARCO El Djazair	1 1/2"	PC 3	A694-F60			Weld Neck Flanges
ARCO El Djazair	4"	300#	316 SST			Orifice Plates
Huntsman	1", 1 1/2"	PC 3	SA-105			Blind Flanges
National Fuels Co.	5"	PC 2	SA350-LF2			Flanges
Imodco	8", 12"	1500#	4130			Blind Flanges
Natco Canada	4"	PC 2	SA-105			Flanges

## 1998

Customer	Size	Pressure	Material	Project	Loc	Description
Ariel Corporation						Compressor Applications
Shaffer	2"	PC 1	304 SST			Flanges
Shaffer	2"	PC 1	SA479-304			Flange Assemblies
Shaffer	5"	PC 1S	SA350-LF2			Various Flanges
Shaffer	3", 4"	PC 1	SA182-304L			Flange Assemblies
MW Kellogg	1", 2", 3", 8", 14", 16", 18"	PC 1, PC 3, PC 9, PC10	SA-105	ARCO El Djazair Co.		Blind Flange Assemblies
MW Kellogg	10"	PC 12	SA182-304			Weld Neck Flange Assemblies
MW Kellogg	3/4", 1", 2", 6", 8", 10", 4"		A694-F60, SA182- 304, SA-105	ARCO El Djazair Co.		Blind Flanges, Spherical Adapters, Spherical Blanking Plugs
Genoyer Group, Inc.	8", 10"	PC 10, PC 12	SA-105	ARCO		Blind Flange Assemblies
Bufete Industrial-MX	20"	600#	A694-F52			10 Deg Misalignment Flange Assembly
Bufete Industrial-MX	24"	300#	A694-F52			Misalignment Flange Assemblies
ORYX Energy	2", 4", 6"	PC 1	SA350-LF2			Flanges, Blind Flanges
C&A Machine & Repair	3", 4"	PC 1S	SA350-LF2			Weld Neck Flanges
Retsco International	4"	PC 2	SA350-LF2			Weld Neck Flanges
Retsco International	4"	PC 2	SA182-316L			Flanges
Wilson Supply	4"	PC 4	A694-F60			Weld Neck Flange Assemblies
Alaska Pipe & Supply	4"	PC 1	SA350-LF2			Weld Neck Flanges
Specialty Component Sales	4"	PC 2	SA-105N			Blind Flanges, Weld Neck Flanges
Specialty Component Sales	4"	PC 4	SA516-GR70			Blind Flanges