

Price List: FPESGWN0509221 Effective: May 9, 2022

Supercedes: January 2, 2020

PRICE LIST





PE
Electrofusion
Systems
for Gas,
Municipal,
Industrial Waste
and Water
Applications





IPEX Inc. Canadian Customer Service Centres

Vancouver, BC ☎ (604) 534-8631 FAX (604) 534-7616

Saskatoon, SK ☎ (306) 933-4664
FAX (306) 934-2020

Montreal, QC ☎ (514) 337-2624 FAX (514) 337-7886

Calgary, AB ☎ (403) 236-8333 FAX (403) 279-8443

Winnipeg, MB ☎ (204) 633-3111 FAX (204) 633-3075

Saint John, NB ☎ (506) 633-7473 (PIPE) FAX (506) 633-8720 **Edmonton, AB ☎** (780) 415-5300 FAX (780) 415-5358

Toronto, ON ☎ (905) 670-7676
FAX (905) 670-5295

St. John's, NL ☎ (709) 747-7473 (PIPE) FAX (709) 368-9111

Toll free in Canada: 1-866-IPEXINC (1-866-473-9462)

www.ipexna.com



Product Listing

Accessories	11
Alignment Clamps	5
Couplings	3, 4, 5
Electrofusion Processor & Accessories	2
Electrofusion Reducers	9
Kravitch Re-Rounding Tools	6
Repair Clamps	11
Repair Patches	11
Re-Round Clamps	5, 6
Saddles	11, 12
Scraper Tools & Accessories	6
Tapping Tees & Accessories	7, 8, 9, 10





SPECIFIC TERMS OF SALE

Terms: Net 30 days / F.O.B. Pineville, N.C. USA (Prepay and Add)

Handling charges will be added to all rush orders, and special shipping requests.

Handling charges are at a rate of 30% of freight charge to a maximum of \$200.

Any claim of shortage or damages from shipment must be submitted in writing within 2 days after receipt of shipment. Buyer shall note loss or damages on truck shipments by providing a delivery receipt signed by the driver.



Description	Dimension inches	Product Code	Standard Packaging	Unit Price
Genesis F3 Electr	ofusion Processor			
	Processor / Pen Scanner	328244	1	\$ 7,322.50
	Processor / Smart Scan	328243	1	\$ 7,597.00
	Processor / Smart Scan + GPS	328242	1	\$ 7,870.50
	Included Accessories:	1		
		328229		
Geneste /3	Accessory bag (x1) Genesis F3 Manual, English (x1)	320227		
	Genesis F3 Manual, French (x1)	<u>-</u>		
THE PARTY OF THE P	Instructional Video, Genesis F3 (x1)	_		
	Fittings Adapter 90 Deg, 4.0mm (x4)	328231		
	Fittings Adapter 90 Deg, 4.7mm without pin (x1)	328232		
	Fittings Adapter 90 Deg, 4.7mm with Red ID pin (x1)	328233		
	Information Card, Genesis F3 (x1)	328234		
	5/16" Adapter Wrench (x1)	328248		
Senesis F3 Repla	cement Parts			
	Pen Scanner, Threaded Connector	328224	1	\$ 469.0
	SMART Scanner, Genesis F3	328225	1	\$ 728.0
	SMART Scanner with GPS, Genesis F3	328226	1	\$ 889.5
	Display Shield	328230	1	\$ 33.0
	Fittings Adapter, 4.0mm 90°	328231	1	\$ 34.5
	Fittings Adapter, 4.7mm 90° with White Pin	328232	1	\$ 34.5
	Fittings Adapter, 4.7mm 90° with Red ID Pin	328233	1	\$ 54.5
	Smart Scan Holster	328227	1	\$ 41.0
	Barcode Pen Holster	328228	1	\$ 29.5
	Accessory Bag	328229	1	\$ 29.5
	Genesis F3 Information Card	328234	1	\$ 12.5
	Fuse, 2 Amp 250 Volt Slow-Blow, 5 x 20mm	328235	1	\$ 6.0
	Replacement Case	328247	1	\$ 752.0
	5/16" Adapter Wrench	328248	1	\$ 6.5
FRIATEC Electrofus	ion Accessories			
	Marinco Adapter Plug 30A. To 15A.	328000	1	\$ 110.0
	Frialen® Silver Pipe Markers	328002	1	\$ 16.0
FRIATOOL IV	Friatrace CD-ROM software w/ cable	328208	1	\$ 309.0
	Connection Cable: PC to Friamat®	328173	1	\$ -
22.17	** UPONOR/ New Style Central Connectors (Pair) 4.7mm	328015	1	\$ 110.0
	** Central Connectors (Pair) 3.2 mm	328016	1	\$ 110.0
FRIATRACE oftware and cable allows	Reader Wand Replacement	328063	1	\$ 563.5
documentation to be downloaded direct from Friamat I	Friafit® Adapter (Pair)	328014	1	\$ 178.5
& II to laptop computer.	** Alum. Fusion Processor Carrying Case	328143	1	\$ 499.0
po.o	** Plastic Fusion Processor Carrying Case	291158	1	\$ 656.5
	** Fusion Lead End (Pair)	328119	1	\$ 164.5



Description	Dimension inches	Product Code	Standard Packaging	Unit Price
FRIATEC Low Pressu	re Couplings IPS 80 PSI Maximum (formerly called FRIAFIT)			
	8" IPS	128139	48/Box	\$ 121.00
19	10" IPS	128140	32/Box	\$ 144.50
	12" IPS	128141	24/Box	\$ 180.50
	16" IPS	128142	16/Box	\$ 265.0
	NOTE: Friafit [®] Adapters (2 each) are required to fuse any of the (Friafit Adapters; Product Code 328014)	se Low Pressu	re Couplings.	
Couplings	METRIC sized	1001.47	1 /D	Ф 11.5
	20mm	128147	1/Box	\$ 11.5
	32mm	128179 128149	1/Box	\$ 17.5
	63mm 75mm	128149	1/Box 1/Box	\$ 72.5 \$ 53.5
A MILES	110mm	128151	1/Box	\$ 53.5 \$ 65.0
-	140mm	128195	1/Box	\$ 133.0
	Note: 5" IPS - 5.563 O.D. Pipe only	120173	I/DOX	φ 133.0
	125mm	128152	1/Box	\$ 111.0
	160mm	128153	1/Box	\$ 130.0
	180mm	128144	1/Box	\$ 180.5
	200mm	128145	1/Box	\$ 200.0
	225mm	128181	1/Box	\$ 341.5
	250mm	128146	1/Box	\$ 366.0
	280mm	128154	1/Box	\$ 517.5
	315mm	128143	1/Box	\$ 666.5
	400mm Note: Special training required.	128155	1/Box	\$ 1,034.0
	450mm Note: Special training required.	128199	1/Box	\$ 1,576.0
	500mm Note: Special training required.	128156	1/Box	\$ 2,130.0
	560mm Note: Special training required.	-	1/Box	P.O.I
	630mm Note: Special training required.	128157	1/Box	\$ 2,686.0



Description	Dimension inches	Product Code	Standard Packaging	ı	Uni t Price
_	electrofusion fittings meet all ASTM F1055 & D2513 requiremenings (formerly called FRIALEN)	ts for electrofusio	on fittings.		
	1/2" CTS Note: Use Pocket Scraper 1" CTS Note: Use FWSG 63 Scraper	128031 128027	80/Box 30/Box	\$	14.0
Couplings	IPS				
	3/4" IPS Note: Use FWSG 63 Scraper	128026	60/Box	\$	15.0
	1" IPS Note: Use FWSG 63 Scraper	128024	30/Box	\$	16.
	1 1/4" IPS	128025	20/Box	\$	18.
	Note: Use FWSG 63 Scraper or Scraper # 128212 1 1/2" IPS Note: Use FWSG 63 Scraper or Scraper # 128212	128033	15/Box	\$	21.
	2" IPS Note: Use FWSG 63 Scraper or Scraper # 128212 or # 128213	128028	8/Box	\$	22.
	3" IPS Note: Use FWSG 315 Scraper or Scraper # 128213	128029	30/Box	\$	47.
	4" IPS Note: Use FWSG 315 Scraper or Scraper # 128213	128030	24/Box	\$	69.
	* 5" IPS Note: Use FWSG 315/630/710 Scraper d 140mm fit 5.563 0.D.	128195	1/Box	\$	133.
	6" IPS Note: Use FWSG 315/630/710 Scraper	128032	8/Box	\$	174.
	8" IPS Note: Use FWSG 315/630/710 Scraper	128060	36/Box	\$	253.
	* 8" IPS BIF	128023	36/Box	\$	253.
	Note: Use FWSG 315/630/710 Scraper 10" IPS	128061	18/Box	\$	433.
	Note: Use FWSG 315/630/710 Scraper 12" IPS	128062	18/Box	\$	745.

Note: Use FWSG 315/630/710 Scraper 14" IPS 128064 12/Box \$ 818.00 Note: Use FWSG 315/630/710 Scraper 16" IPS 128063 1/Box \$ 1,010.00 Note: Special Training Required 18" IPS 128065 1/Box \$ 1,371.00 Note: Special Training Required 20" IPS 128176 1/Box \$ 1,503.00 Note: Special Training Required 22" IPS 128066 1/Box \$ 1,863.50 Note: Special Training Required 24" IPS 128067 1/Box \$ 2,392.00

128068

228451

1/Box

1/Box

\$ 5,649.50

\$ 8,202.50

* Not standard stocking item.

Note: Special Training Required. Will not be shipped without Re-Round tool.

Note: Special training Required. Will not be shipped without Re-Rounding tool.

Note: Special Training Required

28" IPS

30" IPS (SDR11)



Description	Dimension inches	Product Code	Standard Packaging	Uni t Price
Couplings	DIP			
	4" DIP Note: Use FWSG 315 Scraper	128183	22/Box	\$ 80.00
-	6" DIP	128134	80/Box	\$ 244.50
	Note: Use FWSG 315 & 630/710 Scraper	.20101	33,237.	Ψ =σσ
	8" DIP Note: Use FWSG 315 Scraper	128131	36/Box	\$ 352.50
	10" DIP Note: Use FWSG 630/710 Scraper	128136	18/Box	\$ 486.00
	12" DIP Note: Use FWSG 630/710 Scraper	128132	18/Box	\$ 894.50
	14" DIP Note: Use FWSG 630/710 Scraper	128158	12/Box	\$ 1,252.50
	16" DIP Note: Special Training Required	128135	1/Box	\$ 1,610.00
	18" DIP Note: Special Training Required	128138	1/Box	\$ 1,880.50
	20" DIP Note: Special Training Required	128133	1/Box	\$ 2,152.00
	24" DIP Note: Special Training Required	128207	1/Box	\$ 3,801.50
Alignment	Clamps IPS/DIP Single			
	1 1/4" IPS	228244	1	P.O.R.
	2" IPS	228137	1	P.O.R.
	3" IPS	228248	1	P.O.R.
	4" IPS	228138	1	P.O.R.
	6" IPS	228139	l 1	P.O.R.
	6" DIP	228264	1	P.O.R.
Alignment	8" IPS	228246	ı	P.O.R.
Anuaric Alignment	Clamps IPS/DIP Double	2000.45	1	D O D
	1 1/4" IPS 2" IPS	228245 228140	1	P.O.R. P.O.R.
	2 173 3" IPS	228249	1	P.O.R.
	4" IPS	228141	1	P.O.R.
	6" IPS	228142	1	P.O.R.
	8" IPS	228247	1	P.O.R.
Hydraulic	Re-Rounding Clamps IPS			
	12" IPS Re-Round Insert	228157	1	P.O.R.
~ /	14" IPS Master Re-Round Clamp	228152	1	P.O.R.
	16" IPS Re-Round Insert	228158	1	P.O.R.
66	18" IPS Master Re-Round Clamp	228154	1	P.O.R.
A	20" IPS Master Re-Round Clamp	228161	1	P.O.R.
	d 630mm Large Master Re-Round Clamp, 22" - 24"	228156	1	P.O.R.
	24" IPS Re-Round Insert	228160	1	P.O.R.
	22" IPS Re-Round Insert	228159	1	P.O.R.
	28" IPS Master Re-Round Clamp	228217	1	P.O.R.



Description	Dimension inches	Product Code	Standard Packaging	Unit Price
Hydraulic	Re-Rounding Clamps DIP			
	8" DIP Re-Round Insert	228162	1	P.O.R.
> /	10" DIP Master Re-Round Insert	228151	1	P.O.R.
	12" DIP Master Re-Round Clamp	228153	1	P.O.R.
All S	12" DIP Re-Round Insert	228163	1	P.O.R.
CV A	16" DIP Master Re-Round Clamp	228155	1	P.O.R.
	16" DIP Re-Round Insert	228164	1	P.O.R.
	18" DIP Master Re-Round Clamp	228161	1	P.O.R.
	Note: 20" IPS Master	-		P.O.R.
	20" DIP Re-Round Insert	228165	1	P.O.R.
	Note: Requires 228156 d 630mm Master Re-Round Clamp	-		
Re-Roundi	ing Tools			
	18" IPS/DIP - 26" IPS/DIP	228359	1	\$ 2,371.00
NA INC.	28" IPS/DIP - 36" IPS/DIP	228338	1	\$ 3,112.50
FRUATIC Kravitch R	e-Rounding Tool			
	6" IPS / DIP - 12" IPS / DIP Re-Round Tool	228271	1	\$ 4,576.00
Scraper To	pols			
	FWZ Hand Scraper	328018	Each	\$ 34.00
	FWSG 315 Scraper Tool (3" IPS - 8" IPS & 4" DIP - 8" DIP) with case	128036	1/Box	\$ 2,076.50
	FWSG 710 Scraper Tool (6" IPS - 28" IPS & 6" DIP - 24" DIP) with case	128190	1/Box	\$ 3,082.00
Scraper To	pol Accessories			
	Spare Blades For FWZ Hand Scraper	328017	5/Pack	\$ 22.50
	Note: Set of 5			
	Spare Blade Kit (FWSGE 4) For FWSG 63	128041	3/Pack	\$ 416.00
	Kit Contains: 3 Blades, 2 Screws & Driver	100040	0.45	* 43.4.00
	Spare Blade Kit (FWSGE 3) For FWSG 315	128040	3/Pack	\$ 416.00
	Kit Contains: 3 Blades, 2 Screws & Driver	100040	2 /D = = l -	¢ 41700
	Spare Blade Kit (FWSGE 5) For FWSG 630/710	128042	3/Pack	\$ 416.00
	Kit Contains: 3 Blades, 2 Screws & Driver	100100	1	¢ 41700
	Alum. Carrying Case For FWSG 630-710 Scraper Tool Alum. Carrying Case For FWSG 63-315 Scraper Tool	128198	1	\$ 416.00
	Alom. Carrying Case For FW3G 63-313 Scraper 1001	128035		\$ 230.00



Description	Dimension inches Main Size x Outlet Size	Standard Packaging	Unit Price
DAA High Pressure To	apping Tee IPS		

1 1/4" IPS x 1/2"



1 1/4" IPS x 1/2" CTS with Undersaddle Note: Use 228050 Hex Wrench	228020	1/Each	\$ 110.00
1 1/4 IPS x 3/4 IPS with Undersaddle Note: Use 228050 Hex Wrench	228021	1/Each	\$ 106.00
1 1/4" IPS x 1" CTS with Undersaddle Note: Use 228050 Hex Wrench	228022	1/Each	\$ 110.50
1 1/4" IPS x 1" IPS with Undersaddle Note: Use 228050 Hex Wrench	228023	1/Each	\$ 116.50
2" IPS x 1/2" CTS with Undersaddle Note: Use 228051 Hex Wrench	228042	16/Box	\$ 70.50
2" IPS x 3/4" IPS with Undersaddle Note: Use 228051 Hex Wrench	228029	16/Box	\$ 70.50
2" IPS x 1" CTS with Undersaddle Note: Use 228051 Hex Wrench	228033	16/Box	\$ 70.50
2" IPS x 1" IPS with Undersaddle Note: Use 228051 Hex Wrench	228032	16/Box	\$ 70.50
2" IPS x 2" IPS with Undersaddle Note: Use 228052 Hex Wrench	228274	1/Each	\$ 155.50
3" IPS x 1/2" CTS with Undersaddle Note: Use 228052 Hex Wrench	228043	16/Box	\$ 77.50
3" IPS x 3/4" IPS with Undersaddle Note: Use 228052 Hex Wrench	228030	16/Box	\$ 77.50
3" IPS x 1" CTS with Undersaddle Note: Use 228052 Hex Wrench	228031	16/Box	\$ 77.50
3" IPS x 1" IPS with Undersaddle Note: Use 228052 Hex Wrench	228044	16/Box	\$ 77.50
3" IPS x 2" IPS with Undersaddle Note: Use 228052 Hex Wrench	228028	12/Box	\$ 164.00
4" IPS x 1/2" CTS with Undersaddle Note: Use 228052 Hex Wrench	228045	16/Box	\$ 80.00
4" IPS x 3/4" IPS with Undersaddle Note: Use 228052 Hex Wrench	228034	10/Box	\$ 80.00



Description	Dimension inches Main Size x Outlet Size	Product Code	Standard Packaging	Unit Price
DAA High Pres	sure Tapping Tee IPS (Cont'd)			
	4" IPS x 1" CTS with Undersaddle Note: Use 228052 Hex Wrench	228035	10/Box	\$ 80.00
	4" IPS x 1" IPS with Undersaddle Note: Use 228052 Hex Wrench	228046	10/Box	\$ 80.00
	4" IPS x 2" IPS with Undersaddle Note: Use 228052 Hex Wrench	228025	6/Box	\$ 176.00
	6" IPS x 1/2" CTS with Undersaddle Note: Use 228052 Hex Wrench	228047		\$ 97.00
	6" IPS x 3/4" IPS with Undersaddle Note: Use 228052 Hex Wrench	228036		\$ 97.00
	6" IPS x 1" CTS with Undersaddle Note: Use 228052 Hex Wrench	228038		\$ 97.00
8 8	6" IPS x 1" IPS with Undersaddle Note: Use 228052 Hex Wrench	228049	·	\$ 97.00
_	6" IPS x 2" IPS with Undersaddle Note: Use 228052 Hex Wrench	228027	,	\$ 207.00
	8" IPS x 1/2" CTS with Undersaddle Note: Use 228052 Hex Wrench	228048		\$ 241.00
	8" IPS x 3/4" IPS with Undersaddle Note: Use 228052 Hex Wrench	228037	5/Box	\$ 241.00
	8" IPS x 1" CTS with Undersaddle Note: Use 228052 Hex Wrench	228041	5/Box	\$ 241.00
	8" IPS x 1" IPS with Undersaddle Note: Use 228052 Hex Wrench	228040	5/Box	\$ 241.00
	8" IPS x 2" IPS with Undersaddle Note: Use 228052 Hex Wrench	228039	5/Box	\$ 241.00

Note: When ordering IPS sizes for gas applications, please advise Customer Service. Cap Sizes & part numbers are: 32mm (228280); 40 mm (228281), 50 mm (228282)

Description	Dimension inches	Product Code	Standard Packaging	Unit Price
EF S Electrofusion T	apping Tees			
	2 IPS x 1/2 CTS	528004		\$ 39.50
	2 IPS x 3/4 IPS 2 IPS x 1 CTS	528005 528006	25	\$ 39.50 \$ 39.50
	2 IPS x 1 I/4 IPS	528007 528009		\$ 39.50 \$ 162.50
	3 IPS x 1/2 CTS	528011	20	\$ 55.50
Tappıng ı ee wıtn pıastic	3 IPS x 3/4 IPS	528012	20	\$ 55.50
under saddle	3 IPS x 1 CTS	528013	20	\$ 55.50
	3 IPS X 1 IPS	228044	20	\$ 77.50
	3 IPS x 1 1/4 CTS	528015	15	\$ 162.50
	3 IPS x 1 1/4 IPS	528016	15	\$ 162.50



Description	Dimension inches	Product Code	Standard Packaging		
EF S Electrofusion T	apping Tees (cont'd)				
	4 IPS x 1/2 CTS	528018	20	\$ 55.50	
381	4 IPS x 3/4 IPS	528019	20	\$ 55.50	
	4 IPS x 1 CTS	528020	20	\$ 55.50	
	4 IPS x 1 IPS	528021	20	\$ 55.50	
	4 IPS x 1 1/4 CTS	528022	15	\$ 207.00	
	4 IPS x 1 1/4 IPS	528023	15	\$ 207.00	
Tapping Tee without plastic					
under saddle	6 IPS x 1/2 CTS	528025	20	\$ 55.50	
	6 IPS x 3/4 IPS	528026	20	\$ 55.50	
	6 IPS x 1 CTS	528027	20	\$ 55.50	
	6 IPS x 1 IPS	528028	20	\$ 55.50	
mil l	6 IPS x 1 1/4 CTS	528029		\$ 207.00	
	6 IPS x 1 1/4 IPS	528030		\$ 207.00	
W. C.	8 IPS x 1/2 CTS	528032	20	\$ 55.50	
Tapping Tee with strap saddle	8 IPS x 3/4 IPS	528033	20	\$ 55.50	
	8 IPS x 1 CTS	528034	20	\$ 55.50	
	8 IPS x 1 IPS	528041	20	\$ 55.50	
	8 IPS x 1 1/4 CTS	528035	15	\$ 252.50	
	8 IPS x 1 1/4 IPS	528036	15	\$ 252.50	
All Ipex Tap Tees are made fr	rom PE 4710				
	Low Volume Pressure Test Cap (stem sizes 1/2" to 1")	528039	1	\$ 81.50	
	Medium Volume Pressure Test Cap (Stem sizes 1 1/4")	528040	1	\$ 81.50	
	Tapping Tool	528038	1	\$ 52.00	
Electrofusion F	Reducers				
	1 1/4" IPS X 1" CTS Frialen E.F. Reducer	128202	25	P.O.R.	
	1" CTS X 1/2" CTS Frialen E.F. Reducer	128203	40	P.O.R.	
	1" CTS X 1/2" CTS Frialen E.F. Reducer 1" IPS X 1/2" CTS Frialen E.F. Reducer	128203 128204	40 40	P.O.R. P.O.R.	



Description	Dimension inches	Product Code	Standard Packaging		Unit Price
DAA High Pres	sure Tapping Tee DIP				
@_@	4" DIP x 1" CTS with Undersaddle Note: Use 228052 Hex Wrench	228250	16/Box	\$	111.50
8 B	4" DIP x 2" IPS with Undersaddle Note: Use 228052 Hex Wrench	228253	10/Box	\$	186.00
حوا	8" DIP x 1" CTS with Undersaddle Note: Use 228052 Hex Wrench	228260	5/Box	\$	241.00
DAA Top Load	ing High Pressure Tapping Tee DIP/IPS				
	10" - 16" IPS/DIP x 2" IPS (12" & Larger DR Restrc.) Note: Requires 228053 Friatop Pneumatic Top-Lo Use 228052 Hex Wrench without Undersada	_	5/Box	\$	301.00
	10" - 16" IPS/DIP x 3/4" IPS Note: Requires 228053 Friatop Pneumatic Top-Lo Use 228052 Hex Wrench without Undersac	228324 pading Tool	1/Each	\$	653.00
DAA Accessor	ies				
	10mm Hex Wrench For 1 1/4" Main DAA Tees	228050	1/Each	\$	24.50
	17mm Hex Wrench For 2" Main DAA Tees 19mm Hex Wrench For 3" - 16" Main DAA Tees Friatop Pneumatic Top Loading Tool Note: For 10" - 16" DAA-TL Tee & All TL Fittings	228051 228052 228053	1/Each 1/Each 1/Each	\$ \$;	29.50 34.00 3,726.50
	17mm Hex Wrench For 2" Main DAA Tees 19mm Hex Wrench For 3" - 16" Main DAA Tees Friatop Pneumatic Top Loading Tool	228051 228052	1/Each 1/Each	\$	34.00



	Description	Dimension inches		Standard Packaging		Unit Price
FRIATEC	Repair Clamps	Undersaddle				
- 1	÷ ÷	3" IPS	228175	24/Box	\$	121.00
	1 CO 5 1	4" IPS	228176	16/Box	\$	144.50
	2 0	6" IPS	228177	10/Box	\$	156.50
FRIATEC	Repair Patches	Top Loading				
		8" IPS	228178	10/Box	\$	205.00
		Note: Requires 228053 Friatop Pneumatic Top-Loac Restriction on 28"		, -	•	
7		10" - 22" IPS & 8" - 20" DIP	228179	10/Box	\$	321.50
`		Note: Requires 228053 Friatop Pneumatic Top-Load Restriction on 28"	ling Tool	·	'	
FRIATEC	Accessories					
		Friatop Pneumatic Top Loading Tool	228053	1	\$	3,726.50
	(8)	12mm PE Repair Plug	228133	1	\$	23.00
		18mm PE repair Plug	228134	1	\$	21.50
		24mm PE Repair Plug	228135	1	\$	20.50
		44mm PE Repair Plug VSC Adapter for Friatop Pneumatic Top Loading To	228136 228223	1	\$ \$	18.50 32.50
	l l	voo naapier ier maiep i neemane iep zeaanig n	ZZGZZG		Ψ	02.00
ſ	Description	Dimension	Product	Standard		Unit
[Description	Dimension inches Main Size x Outlet Size	Product Code	Standard Packaging		Unit Price
FRIATEC	Description SA Branch Sado	inches Main Size x Outlet Size				_
	SA Branch Sado	inches Main Size x Outlet Size # 3" IPS x 2" IPS			\$	_
	SA Branch Sado	inches Main Size x Outlet Size # 3" IPS x 2" IPS * 4" IPS x 2" IPS	Code	Packaging 20/Box 12/Box	\$	121.00 133.00
	SA Branch Sado	inches Main Size x Outlet Size Main Size x Outlet Size * 3" IPS x 2" IPS * 4" IPS x 2" IPS * 4" DIP x 2" IPS	228184 228185 228296	Packaging 20/Box 12/Box 1/Box	\$ \$ \$	121.00 133.00 168.50
	SA Branch Sado	inches Main Size x Outlet Size # 3" IPS x 2" IPS # 4" IPS x 2" IPS # 4" DIP x 2" IPS # 6" IPS x 3" IPS	228184 228185 228296 228180	20/Box 12/Box 1/Box 2/Box	\$ \$ \$	121.00 133.00 168.50 174.00
	SA Branch Sado	inches Main Size x Outlet Size # 3" IPS x 2" IPS * 4" IPS x 2" IPS * 4" DIP x 2" IPS * 6" IPS x 3" IPS * 6" IPS x 4" IPS	228184 228185 228296 228180 228277	20/Box 12/Box 1/Box 2/Box 1/Box	\$ \$ \$ \$	121.00 133.00 168.50 174.00 225.50
	SA Branch Sado	inches Main Size x Outlet Size # 3" IPS x 2" IPS * 4" IPS x 2" IPS * 4" DIP x 2" IPS * 6" IPS x 3" IPS * 6" IPS x 4" IPS * 8" IPS x 4" IPS	228184 228185 228296 228180 228277 228276	20/Box 12/Box 1/Box 2/Box 1/Box 1/Box	\$ \$ \$ \$ \$ \$	121.00 133.00 168.50 174.00 225.50 256.50
	SA Branch Sado	inches Main Size x Outlet Size # 3" IPS x 2" IPS * 4" IPS x 2" IPS * 4" DIP x 2" IPS * 6" IPS x 3" IPS * 6" IPS x 4" IPS * 8" IPS x 4" IPS 10" - 22" IPS x 2" IPS & 10" - 20" DIP x 2" IPS	228184 228185 228296 228180 228277 228276 228182	20/Box 12/Box 1/Box 2/Box 1/Box	\$ \$ \$ \$	121.00 133.00 168.50 174.00 225.50
	SA Branch Sado	inches Main Size x Outlet Size # 3" IPS x 2" IPS * 4" IPS x 2" IPS * 4" DIP x 2" IPS * 6" IPS x 3" IPS * 6" IPS x 4" IPS * 8" IPS x 4" IPS	228184 228185 228296 228180 228277 228276 228182	20/Box 12/Box 1/Box 2/Box 1/Box 1/Box	\$ \$ \$ \$ \$ \$	121.00 133.00 168.50 174.00 225.50 256.50



Description	Dimension	Product Standard Unit
	inches	Code Packaging Price

TRUETIC VA Service Saddle with 2" IPS Brass FIP Outlet



* 3" IPS x 2" SSPT Note: Undersaddle	228262	26/Box	\$ 167.50
* 4" IPS x 2" SSPT	228170	20/Box	\$ 101.50
Note: Undersaddle DIP available please call for pricin	g		
* 4" DIP x 2" SSPT	228298	1/Box	\$ 121.50
* 6" IPS x 2" SSPT	228171	10/Box	POR
Note: Undersaddle DIP available please call for pricin	g		
* 6" DIP x 2" SSPT	228302	1/Box	\$ 145.00
* 8" IPS x 2" SSPT	228218	10/Box	\$ 135.50
Note: Requires 228053 Friatop Pneumatic Top-Loading	Tool, complete	e with VSC	adaptor
* 8" DIP x 2" SSPT	228173	10/Box	\$ 140.00
Note: Requires 228053 Friatop Pneumatic Top-Loading	Tool, complete	e with VSC o	adaptor
* 10" - 22" IPS x 2" SSPT	228174	10/Box	\$ 325.00
* 10" - 20" DIP x 2" SSPT			
Note: Requires 228053 Friatop Pneumatic Top-Loading	Tool, complete	e with VSC o	adaptor

Application restriction on 28"

Assemble nipple, bushings or corporation stop into saddle using RED LOC-TITE #262.

Do not over tighten or back out threads once assembled.

* SSPT- straight standard pipe thread.

The use of tapered fittings is not allowed.

Brass Reducing Bushings - For use with VA Service Saddles

Lead Free NSF-61 Annex G



2" x 3/4" MALE SSPT x FEMALE NPT	228453	1	\$ 31.50
2" x 1" MALE SSPT x FEMALE NPT	228454	1	\$ 32.00
2" x 1 1/2" MALE SSPT x FEMALE NPT	228455	1	\$ 26.50

Assemble Bushings into VA Saddle using RED LOC-TITE #262 Do not overtighten or back out threads once assembled.

FRIATE SPA Balloon Saddles



3" IPS Spa Balloon Saddles	228236	-	POR
4" IPS Spa Balloon Saddles	228237	-	POR
6" IPS Spa Balloon Saddles	228238	-	POR
8" IPS Spa Balloon Saddles	228335	-	POR
10" - 12" IPS Spa Balloon Saddles	228241	-	POR
Note: Requires 228053 Friatop Pneumatic Top-Lo	adina Tool		

Accessories For SPA Balloon Saddles



Electrofusion cap for SPA Saddles - Yellow	228242	-	POR
Electrofusion cap for SPA Saddles - Black	228339	-	POR

NOTES

IPEX Inc. General Terms and Conditions of Sale

1. Scope

All sales are subject to these general terms and conditions ("General T&Cs"). In addition, certain products may be subject to product-specific terms and conditions ("Specific T&Cs") as posted on the Vendor's website at the time of sale. In the event of a conflict between the General T&Cs and the Specific T&Cs, the Specific T&Cs shall prevail. Purchaser's order is accepted subject to these General T&Cs, to the applicable Specific T&Cs and to any terms and conditions agreed to in writing by the Vendor and Purchaser. It is expressly agreed that any terms and conditions contained in the Purchaser's order or otherwise stipulated will be deemed for the Purchaser's internal use only and will not be binding on the Vendor.

2. Orders

Purchaser's orders are conditional upon satisfactory credit approval by the Vendor. The Vendor will only accept orders in excess of \$100 before taxes or such greater amount as may be specified for certain products. Once confirmed by the Vendor, orders for custom-made or non-stocked products cannot be cancelled, modified or returned, except with the Vendor's written consent and upon terms which provide for indemnification of the Vendor for the costs and expenses incurred.

3. Shipments, Title to the Products and Risk of Loss

Any delivery schedules stipulated are approximate only and shipment will be made within reasonable proximity thereto. Under no circumstances will the Vendor be responsible for any damage whatsoever caused by delays in shipment, whether resulting from causes within or beyond the control of the Vendor.

All shipments are F.O.B. origin (Vendor's location) (American standard) or Ex Works (Vendor's location) (ICC Incoterms), as indicated on the invoice. Freight prepaid orders, when applicable, will be delivered by the carrier of the Vendor's selection, unless the use of other carriers is agreed to in writing with the Purchaser.

Risk of loss and title to the Products shall in any case pass to the Purchaser upon delivery of Products to the carrier at Vendor's shipping dock or upon the invoicing of the Products, whichever occurs first.

Purchaser must verify quantities and report discrepancies within 2 business days of receipt.

4. Prices

All prices quoted or published are F.O.B. origin (Vendor's location) or Ex Works (Vendor's location), and do not include any sales, use, excise or any other tax or levy imposed by any present or future law, regulation or other order, on any of the Products.

Published prices are subject to change without notice until orders are accepted by the issuance of an order confirmation, whereupon prices will remain firm for those shipments that take place within the 30-day period following the date of the order confirmation. For specific projects, contracts or quotations, the Vendor may agree in writing to protect prices for an extended period of time. Each order may be shipped in whole or in part at the Vendor's discretion. Each shipment made will be immediately invoiced.

In order to be exempt of the applicable taxes, Purchaser must provide the Vendor with applicable tax exemption certificates or other documents.

5. Terms of Payment

Unless other terms of payment are agreed to in writing by the Vendor, payment is due upon delivery of the Products. If applicable, cash discounts, expressed as a percentage, are calculated on the net invoiced prices before any taxes, freight or other charges and can only be deducted from payment if the Vendor receives payment from Purchaser on or prior to the due date. Net 30 days means that payment is due within 30 days of the date of invoice and no cash discount is applicable. Overdue accounts shall bear interest at a rate of 18% per annum. The granting of credit by the Vendor is at all times based on its evaluation of the Purchaser's financial condition. If such financial condition does not justify continuance of shipment on credit, the Vendor may require full or partial payment in advance.

6. Return of Products

The Vendor may accept the return of Products, at its sole discretion, but is subject in all cases to the following: a) prior to returning any Products, the Purchaser must obtain a Return Material Authorization (RMA) number from the Vendor; b) Products must be returned freight prepaid, unless otherwise authorized by the Vendor; and c) Products must be received in good saleable condition and, if required, in full carton quantities and in their original packaging. A minimum return charge of 25% of the purchase price will be applied against any credit issued pursuant to the return of Products, except in the case of a Vendor shipping error. The Vendor may apply additional charges against the credit to cover remarketing costs or may refuse to issue any credit, but will advise the Purchaser accordingly.

IPEX Inc.

General Terms and Conditions of Sale

Certain Products, such as pressure pipe and fittings, custom-made products or configurations, perishable products, obsolete products, large quantities or other specialty products cannot be returned.

In certain circumstances, the Vendor may direct that Products be destroyed for credit rather than returned.

7. Changes to Products

The Vendor reserves the right to make changes or improvements to its Products without assuming any further obligation.

8. Patent Rights

If any claim is made against the Purchaser based on the allegation that any of the Products sold by the Vendor constitute an infringement of any patent, the Purchaser shall notify the Vendor immediately. The Vendor shall have the right, at its own option and expenses, to take any actions to protect and defend its rights.

9. Force Majeure

The Vendor shall in no event be responsible or liable for any non-performance or delay in performance hereunder or any loss or damage of any kind or nature whatsoever, direct or indirect, suffered by the Purchaser, subsequent purchasers, end-users of the Products or any other person, as a result of any causes beyond the reasonable control of the Vendor including, without limitation, fires, floods, civil commotion, riots, wars, acts of God, embargos, acts of or acts authorized by any government or standard organizations, adoption of laws or regulations, strikes/slowdowns, lock-outs/walk-outs, labor shortages, accidents, breakdowns, power outages, delays in shipments, manufacture, transportation or delivery of goods or materials, shortages of materials or supplies, or price alterations.

10. Governing Law

This agreement and all rights and obligations hereunder shall be governed by the laws of Ontario and all actions commenced pursuant hereto shall be brought in a court of competent jurisdiction residing in Toronto, Ontario. The parties agree to exclude this Agreement and the purchases made thereunder from the application of the United Nations' Convention on the Sale of Goods.

11. Non-waiver

No delay, failure, change or waiver by the Vendor to exercise any one or more of its rights under these terms and conditions of sale shall be construed or shall operate to be a waiver thereof or a continuing waiver of such terms and conditions.

12. Warranty and Limitation of Liability

- 12.1 The Vendor warrants that its Products are, at the time of their sale by Vendor, free from defects resulting from Vendor's faulty manufacturing.
- 12.2 THERE IS NO WARRANTY, CONDITION OR REPRESENTATION OF ANY NATURE WHATSOEVER, EXPRESSED OR IMPLIED, BY STATUTE OR OTHERWISE, EXCEPT AS HEREIN CONTAINED. ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND/OR FITNESS OF THE PRODUCTS FOR A SPECIAL PURPOSE AND ANY OTHER WARRANTY OF QUALITY ARE EXPRESSLY DISCLAIMED.
- 12.3 The Vendor will, at its entire discretion either refund or replace with a Product of the same type and size as the original Product, free of charge, including shipping charges at the original point of delivery, any Product which is found to breach this Limited Warranty.

12.4 THIS LIMITED WARRANTY IS VALID ONLY AND WILL ONLY APPLY IF ALL OF THE FOLLOWING CONDITIONS ARE MET:

- 12.4.1 The Product must have been used only in applications and under conditions (handling, installation, testing, use, water temperature, maintenance, repairs, etc.) that are strictly in compliance with these terms and conditions and the Vendor's technical manuals and installation instructions currently available from the Vendor at the time of installation.
- 12.4.2 The alleged defect must not be due to faulty installation, misalignment of products, vibration, ordinary wear and tear, corrosion, erosion, U.V. degradation, incompatible lubricants, pastes and thread sealants, unusual pressure surges or pulsation, water hammer, temperature shocking, or fouling.
- 12.4.3 The Product must have been installed in good and workmanlike manner consistent with the Vendor's technical manuals and installation instructions currently available from the Vendor at the time of installation, and with the state of the art industry standards and practices, and in conformance with all applicable laws and regulations.

IPEX Inc.

General Terms and Conditions of Sale

- 12.4.4 The Product must have not been altered, damaged or modified after leaving the Vendor's premises, and must have been used in no more than one installation, show no evidence of disassembly or tampering, and have not been subjected to abnormal operating conditions, accident, abuse, misuse, unauthorized alteration, or repair.
- 12.4.5 The Product must not have been subject to acts of nature such as earthquakes, fire, flood, or lightning, or any other event of force majeure.
- 12.4.6 The Product must not have been subject to freezing inside any of its components.
- 12.4.7 If the Product is perishable, the Product must have been used prior to the expiration date as indicated on the Product.
- 12.4.8 The Claimant must notify the Vendor in writing within ten (10) days of when the alleged defect was discovered, or should have been discovered in the exercise of ordinary care, and the alleged defective Product must be promptly returned to the Vendor. Notice of an alleged defective Product under this Limited Warranty must be directed to your local IPEX Customer Service representative. Claimant must provide documentary evidence of failure, as well as the failed components themselves or representative samples of the Product that is alleged to have failed, and must agree to allow a meaningful and reasonable opportunity for Vendor to inspect the system in which the alleged defective Product was installed.
- 12.5 ANY LIABILITY IN RESPECT TO THE PRODUCTS IS STRICTLY LIMITED TO THEIR REFUND OR REPLACEMENT AS HEREINBEFORE SPECIFIED AND THERE SHALL NOT, IN ANY EVENT, BE ANY LIABILITY FOR ANY LABOUR CHARGES OR DAMAGES, INCLUDING WITHOUT LIMITATION DIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL OR PUNITIVE DAMAGES.
- 12.6 Without limiting the generality of the foregoing, any liability or responsibility is disclaimed:
 - 12.6.1 for labor, materials, and/or other expenses required to replace a defective Product;
 - 12.6.2 for any damage resulting from a defective Product;
 - 12.6.3 for calculations, product drawings, or engineering design specifications;
 - 12.6.4 regarding the accuracy of any plans, drawings, or specifications furnished to the purchaser as part of the sale of any of its products;
 - 12.6.5 for loss or damage resulting from failure to abide by manufacturer's warnings, safety instructions, or other precautionary guidelines.
- 12.7 ANY CLAIM, WHETHER IN CONTRACT OR IN TORT (INCLUDING NEGLIGENCE) OR OTHERWISE, WITH RESPECT TO OR ARISING OUT OF THE SALE, DELIVERY, INSTALLATION, REPAIR OR USE OF ANY PRODUCTS SOLD TO PURCHASER SHALL NOT IN ANY EVENT EXCEED THE PURCHASE PRICE OF THE PRODUCTS FOUND TO BE DEFECTIVE. It is the responsibility of the owner to obtain and pay for emergency repairs.
- 12.8 No statement, conduct, or description by the Vendor, any of its affiliates, their respective representatives, distributors or agents, in addition to or beyond this Limited Warranty, shall constitute a warranty. This Limited Warranty may only be modified in a writing signed by an officer of the Vendor.

13. IMPORTANT

Without limiting any other restriction in any of the Vendor's documentation, the Products must not be used in any way related to nuclear material or to a nuclear facility and must not be used or located in Iran, North Korea, Syria, Cuba or Sudan at any time.

IPEX Inc.

General Terms and Conditions of Sale (April 2020)



IPEX Inc. Canadian Customer Service Centres

Vancouver, BC

20460 Duncan Way, Langley, British Columbia V3A 7A3 PH (604) 534-8631 FAX (604) 534-7616

Calgary, AB

8460 - 60th Street S.E. Calgary, Alberta T2C 3C7 PH (403) 236-8333 FAX (403) 279-8443

Edmonton, AB

4225 - 92nd Avenue Edmonton, Alberta Т6В 3М7 РН (780) 415-5300 FAX (780) 415-5358

Saskatoon, SK

611 - 47th Street East Saskatoon, Saskatchewan S7K 5G5 PH (306) 933-4664 FAX (306) 934-2020

Winnipeg, MB

2081 Logan Avenue West Winnipeg, Manitoba R2R OJ1 PH (204) 633-3111 FAX (204) 633-3075

Toronto, ON

6810 Invader Crescent Mississauga, Ontario L5T 2B6 PH (905) 670-7676 FAX (905) 670-5295

Montreal, QC

6665 chemin Saint-François Saint-Laurent, Québec H4S 1B6 PH (514) 337-2624 FAX (514) 337-7886

Saint John, NB

P.O. Box 127, Grandview Industrial Park Saint John, New Brunswick E2L 3X8 PH (506) 633-7473 (PIPE) FAX (506) 633-8720

St. John's, NL

P.O. Box 13247, Station A St. John's, Newfoundland A1B 4A5 PH (709) 747-7473 (PIPE) FAX (709) 368-9111

Toll free in Canada: 1-866-IPEXINC (1-866-473-9462) www.ipexna.com