PIPE

SINCE 1964 SINCE IS MORE THAN A PROMISE



5 LOCATIONS



SINCE 1964 SERVICE IS MORE THAN A PROMISE

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DUCTILE IRON

FASTITE CL 350	FAST-GRIP AMARILLO SBR GASKET	DUCTILE IRON SPOOLS
UNRESTRAINED PIPE	Gasket to restrain pipe	FLANGE X PLAIN END
Page 9	Page 9	Page 9

PLASTIC PRESSURE PIPE

C	900	IPS GASKETED	PRESSURE PIPE	
DR 18 235psi	DR 14 350psi	SDR 26 160psi	SDR 21 200psi	
Page 11	Page 11	Page 12	Page 12	
II.	S GASKETED PRESSURE PI	PE	PVC SOLVENT WELD	
SDR 17 250psi	SDR 13.5	GASKET LUBE	SCHEDULE 40	
		Pie Luciniant Signature Apple Luciniant Apple Lucinian		
Page 12	Page 12 see Pipe Dope & Chem Tap		Page 13	
PVC SOLV	/ENT WELD	PRIMERS / CEMENTS		
SCHEDULE 80	CPVC-80	PRIMER	CEMENT	
		Ontey of Power Pow	AL Principal crimer MUTTON CRIME MUTTON CR	
Page 14	Page 15	pages 13 & 14	Pages 13 & 14	
	AQUAM	INE PIPE		
SDR 12.4 350psi	SDR 17 250psi	SDR 21 250psi	SDR 26 160psi	
Page 17	Page 17	Page 17	Page 17	

HDPE 4710 PRESSURE PIPE

	IPS I	HDPE	
SDR 9 (AWWA APPROVED)	SDR 11 (AWWA APPROVED)	SDR 17 (AWWA APPROVED)	STIFFENERS
250psi	200psi	125psi	SDR 11
В	OTH STICK & ROLLS AVAILABL	E	
ALL	SIZES AVAILABLE UPON REQU	EST	
Page 19			Page 19
DIPS HDPE PIPE			
SDR 9250psi	SDR 11	SDR 17	
ALL SIZES	AVAILABLE UPON REQUEST	SDR 7-26	BO SUA
			Since 64 Cotter Works
Page 22			

SEWER & DRAINAGE PIPE

SDR 35 SEWER PIPE		GALVANIZED CORRUC	SATED DRAIN	AGE PIPE
SOLID-GASKET	PERFORTED-SW	FULL ROUND	FULL ROUND ARCH	
Page 24	Page 24	Page 26		Page 27

SING	NGLE WALL DUAL WALL		DUAL WALL	
SOLID	PERFORTED	N12	STORM	POLY SEAL PIPE COUPLER
Pa	ge 30	Page 31	Page 31	Page 33

WATER WORKS TUBING

AWWA WATER SERVICE LINE TUBING		STIFFENERS FOI	R WATER TUBING		
C	CTS		S	METAL	METAL
DR 9	250psi	DR 9 (1/2")	200psi	CTS	IPS
CTS compres	ssion fittings	DR 7	250psi	SERIES 86	SERIES 87
		PEP compres	ssion fittings	ion fittings CALL JABO FOR ALL YOUR WATER WORKS NEE	
Pag	e 35	Page 35		Pag	e 35

AWWA COPPER TUBING				
TYF	TYPE K		PE L	
Soft	Hard	Soft	Hard	
"Coil"	"Stick"	"Coil"	"Stick"	
Availabl	Available in both		Available in Both	
Page 37				





DUCTILE IRON PIPE

FASTITE CL 350 UNRESTRAINED PIPE



JABO PART#	SIZE	
081-00040	4"	
081-00060	6"	
081-00080	8"	
081-00100	10"	
081-00120	12"	
081-00140	14"	
081-00200	16"	
081-00160	18"	
081-00220	20"	
081-00300	24"	
20' LENGTHS		

FAST-GRIP AMARILLO SBR GASKET TO

RESTRAINED PIPE



JABO PART#	SIZE	
081-50040	4"	
081-50060	6"	
081-50080	8"	
081-50100	10"	
081-50120	12"	
OTHER SIZES AVAIL UPON		
REQUEST		

DUCTILE IRON SPOOLS

FLANGE X PLAIN END



3" PIPE- CLASS CL54 4" PIPE AND LARGER CLASS CL53

ALL PIPE IS CEMENT LINED & PRIMED FOR PAINTING

JABO PART#	SIZE		
081-40000	3" X 4'		
081-40005	3" X 6'		
081-40090	4" X 4'		
081-40010	4" X 6'		
081-40060	4" X 10'		
081-40100	6" X 4'		
081-40020	6" X 6'		
081-40070	6" X 10'		
081-40110	8" X 4'		
081-40030	8" X 6'		
081-40080	8" X 10'		
081-40040	10" X 6'		
081-40050	12" X 6'		
OTHER SIZES AVAILABLE UPON			
DECLIEST			

REQUEST







C900 GASKETED PIPE



C900 DR18 235 psi

C900	DR14	350	nsi
0000	DIVIT	000	PJ.

JABO PART#	SIZE		
086-30005	4"		
086-30015	6"		
086-30025	8"		
086-30035	10"		
086-30045	12"		
086-30050 16"			
20' LENGTHS			

JABO PART#	SIZE	
086-30000	4"	
086-30010	6"	
086-30020	8"	
086-30030	10"	
086-30040	12"	
086-30060 16"		
20' LENGTHS		

ADDITIONAL SIZES AVAILABLE

RIEBERLOCK SBR GASKET C900

RETRAIN PIPE



JABO PART#	SIZE
081-50200	4"
081-50201	6"
081-50202	8"
081-50203	10"
081-50204	12"

ADDITIONAL SIZES
AVAILABLE

IPS GASKETED PRESSURE PIPE



SDR 21 200psi

JABO PART#	SIZE		
086-20015	1-1/2"		
086-20021	2"		
086-20030	3"		
086-20041	4"		
086-20060	6"		
086-20081	8"		
086-20101	10"		
086-20121	12"		
20' LENGTHS			

SDR 17 250psi

JABO PART#	SIZE		
086-20022	2"		
086-20035	3"		
086-20042	4"		
086-20061	6"		
086-20082	8"		
*	10"		
* 12"			
20' LENGTHS			

SDR 26 160psi

JABO PART#	SIZE	
086-20040	4"	
086-20059	6"	
086-20080	8"	
086-20100	10"	
086-20120 12"		
20' LENGTHS		

SDR 13.5 315psi

JABO PART#	SIZE	
086-20023	2"	
*	3"	
*	4"	
*	6"	
*	8"	
*	10"	
*	12"	
20' LENGTHS		

RIEBERLOCK GASKET IPS

RETRAIN PIPE



OTHER SIZES AVAILABLE UPON REQUEST

*NON STOCK call Jabo Supply

PVC SOLVENT WELD

Schedule 40

Schedule 40 PVC Pipe Dimensions



JABO PART#	SIZE			
016-12640	1/2"			
016-12700	3/4"			
016-12760	1"			
016-12820	1-1/4"			
016-12880	1-1/2"			
016-12940	2"			
016-13000	2-1/2"			
016-13060	3"			
016-13180	4"			
016-13200	6"			
016-13210	8"			
016-13240	10"			
016-13280 12"				
1/8" - 24" AVAILABLE FROM THE				

FACTORY

Nom. Pipe Size (in)	O.D.	Average I.D.	Min. Wall	Nominal Wt./Ft.	Maximum W.P. PSI*
1/8	0.405	0.249	0.068	0.051	810
1/4	0.540	0.344	0.088	0.086	780
3/8	0.675	0.473	0.091	0.115	620
1/2	0.840	0.602	0.109	0.170	600
3/4	1.050	0.804	0.113	0.226	480
1	1.315	1.029	0.133	0.333	450
1-1/4	1.660	1.360	0.140	0.450	370
1-1/2	1.900	1.590	0.145	0.537	330
2	2.375	2.047	0.154	0.720	280
2-1/2	2.875	2.445	0.203	1.136	300
3	3.500	3.042	0.216	1.488	260
3-1/2	4.000	3.521	0.226	1.789	240
4	4.500	3.998	0.237	2.118	220
5	5.563	5.016	0.258	2.874	190
6	6.625	6.031	0.280	3.733	180
8	8.625	7.942	0.322	5.619	160
10	10.750	9.976	0.365	7.966	140
12	12.750	11.889	0.406	10.534	130
14	14.000	13.073	0.437	12.462	130
16	16.000	14.940	0.500	16.286	130
18	18.000	16.809	0.562	20.587	130
20	20.000	18.743	0.593	24.183	120
24	24.000	22.544	0.687	33.652	120

PURPLE PRIMER		HD CLEAR I	PVC CEMENT	ALL PURPOSE CEMENT	
Cartey 1 Cartes and 1 Cartes an		717 (2)	PVC STATE OF THE PVC STATE O	Oate Oate Oate Oate Oate Oate Oate Oate	
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
959-10000	1/4 PT	959-10160	1/4 PT	*	1/4 PT
959-10010	1/2 PT	959-10200	1/2 PT	*	1/2 PT
959-10020	PINT	959-10220	PINT	959-10270	PINT
959-10030	QUART	959-10230	QUART	959-10280	QUART

OTHER BRANDS MAY BE SUBSITUTED IN PLACE OF WHAT IS SHOWN IN THE PICTURE

PVC SOLVENT WELD

Schedule 80

Schedule 80 PVC Pipe Dimensions



JABO PART#	SIZE
016-15780	1/2"
016-15840	3/4"
016-15900	1"
016-15960	1-1/4"
016-16020	1-1/2"
016-16080	2"
016-16100	2-1/2"
016-16120	3"
016-16140	4"
016-16160	6"
016-16180	8"
016-16220	10"
*	12"

*Non Stock- Call Jabo Supply

Nominal Pipe Size (in)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	Maximum W.P. PSI*
1/8	0.405	0.195	0.095	0.068	1230
1/4	0.540	0.282	0.119	0.115	1130
3/8	0.675	0.403	0.126	0.158	920
1/2	0.840	0.526	0.147	0.232	850
3/4	1.050	0.722	0.154	0.314	690
1	1.315	0.936	0.179	0.461	630
1-1/4	1.660	1.255	0.191	0.638	520
1-1/2	1.900	1.476	0.200	0.773	470
2	2.375	1.913	0.218	1.070	400
2-1/2	2.875	2.29	0.276	1.632	420
3	3.500	2.864	0.300	2.186	370
4	4.500	3.786	0.337	3.196	320
6	6.625	5.709	0.432	6.102	280
8	8.625	7.565	0.500	9.269	250
10	10.750	9.493	0.593	13.744	230
12	12.750	11.294	0.687	18.909	230
14	14.000	12.41	0.750	22.681	220
16	16.000	14.213	0.843	29.162	220
18	18.000	16.014	0.937	36.487	220
20	20.000	17.814	1.031	44.648	220
24	24.000	21.418	1.218	63.341	210

PURPLE P	RIMER	HD CLEAR PV	C CEMENT	ALL PURPOSE CEMENT	
Catey Parket France		WELDA 717 P	MILESTAND AND AND AND AND AND AND AND AND AND	AL PURPOSE MAXTHEFORM	
JABO PART#	SIZE	JABO PART#	SIZE	JABO PART#	SIZE
959-10000	1/4 PT	959-10160	1/4 PT	*	1/4 PT
959-10010	1/2 PT	959-10200	1/2 PT	*	1/2 PT
959-10020	PINT	959-10220	PINT	959-10270	PINT
959-10030	QUART	959-10230	QUART	959-10280	QUART

OTHER BRANDS MAY BE SUBSITUTED IN PLACE OF WHAT IS SHOWN IN THE PICTURE

CPVC SOLVENT WELD

Schedule 80

CPVC SCH 80 PIPE



JABO PART#	SIZE	
016-70000	1/2"	
016-70020	3/4"	
016-70040	1"	
016-70060	1-1/4"	
016-70080	1-1/2"	
016-70100	2"	
*	2-1/2"	
016-70140	3"	
016-70160	4"	
016-70180	6"	
*	8"	
*Non Stock- Call Jabo Supply		

CPVC is recommended for applications where the maximum temperature will exceed 140 degrees Fahrenheit, but stay under CPVC's max rating of 200 degrees Fahrenheit

PVC and CPVC Pipes - <u>Schedule 80</u>					
Nominal Pipe Size	Outside Diameter	Minimum Wall Thickness	Nominal Inside Diameter	Weight (lb/100 ft)	
(inches)	(inches)	(inches)	(inches)	PVC	CPVC
1/2	0.840	0.147	0.546	20	22
3/4	1.050	0.154	0.742	.27	.30
1	1.315	0.179	0.957	.41	.44
1 1/4	1.660	0.191	1.278	.52	.61
1 1/2	1.900	0.200	1.500	.67	.74
2	2.375	0.218	1.939	.95	1.02
2 1/2	2.875	0.276	2.323	1.45	1.56
3	3.500	0.300	2.900	1.94	2.09
4	4.500	0.337	3.826	2.75	3.05
5	5.563	0.375	4.813	3.87	
6	6.625	0.432	5.761	5.42	5.82
8	8.625	0.500	7.625	8.05	8.83
10	10.750	0.593	9.564	12.00	13.09
12	12.750	0.687	11376	16.50	18.00
14	14.000	0.750	12.500	19.30	
16	16.000	0.843	14.314	25.44	

PVC

PRESSURE RATING CHART WITH DE-RATING FACTOR

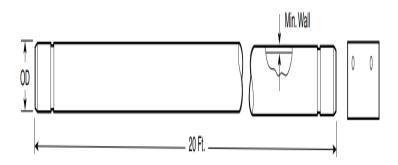
	0 1 40 14	0 1 00 14
Nominal Pipe	Sch 40 Max.	Sch 80 Max.
	Pipe	Pipe
	Working	Working
Size (Inches)	Pressure PSI	Pressure PSI
1/8"	810	1230
1/4"	780	1130
3/8"	620	920
1/2"	600	850
3/4"	480	690
1"	450	630
1-1/4"	370	520
1-1/2"	330	470
2"	280	400
2-1/2"	300	420
3"	260	370
3-1/2"	240	350
4"	220	320
5"	190	290
6"	180	280
8"	160	250
10"	140	230
12"	130	230
14"	130	220
16"	130	220

Operating	De-Rating
Temp (°F)	Factor
73	1
80	0.88
90	0.75
100	0.62
110	0.51
120	0.4
130	0.31
140	0.22

Example: What's the Maximum Working
Pressure of a 6" Schedule 40 pipe length at 110
degrees Fahrenheit? Answer: 180 PSI X .51= 91
PSI max at 110 degrees.

The column "Nominal Pipe Size (In)" denotes the fitting or pipe size. The column "Max. Working Pressure PSI" refers to the maximum working pressure PSI that the corresponding fitting can withstand. Basically, the larger the diameter of your PVC fitting or PVC Pipe length, the less pressure it can withstand. These Maximum Working Pressure figures rely on the fact that your PVC products will be used in a location providing optimal temperature year round. For PVC fitting Schedule 40 and PVC fittings Schedule 80, the optimal temperature (at which PVC can operate at the highest PSI) would be 73 degrees Fahrenheit. As the temperature of the PVC increases the pressure that the PVC can withstand will decrease. The chart below will illustrate the pressure derating of PVC as temperatures increase.

AQUA PIPE



 SDR 12.4 HP
 SDR 17
 SDR 21
 SDR 26

 350psi
 250psi
 250psi
 160psi

JABO PART#	SIZE						
NA	2"	014-10000	2"	NA	2"	NA	2"
NA	3"	014-10010	3"	014-10020	3"	NA	3"
014-10030	4"	014-10040	4"	014-10050	4"	014-10060	4"
014-10090	6"	014-10100	6"	014-10130	6"	014-10120	6"
014-10160	8"	014-10170	8"	014-10190	8"	014-10200	8"
*	10"	*	10"	*	10"	014-10210	10"

PIPE SUPPLIED WITH 1-COUPLING & 2- SPLINES

*NON STOCK CALL JABO SUPPLY

Aquamine Pipe

Pallet Pack and Truckload Quantities

Pipe Size	Feet Per Pallet Pack	Packs Per Truck	Feet Per Truck
2"	2,100	24	50,400
3"	920	24	22,080
4"	520	24	12,480
4" 350 psi	520	24	12,480
6"	400	20	8,000
6" 350 psi	400	16	6,400
8"	280	16	4,480
8" 350 psi	280	14	3,920
10"	160	16	2,560
12"	160	12	1,920





IPS / DIPS

HDPE SDR 9 (250 PSI)

AWWA APPROVED

JABO PART#	SIZE	LENGTH			
029-29920	2"	500'			
029-29925	2"	40"			
029-30000	3"	40'			
029-30010	4"	40'			
029-30015	4"	500'			
029-30020	6"	40'			
029-30040	8"	40'			
029-30060	10"	40'			
029-30080	12"	40'			
029-30100	14"	40'			
029-30120	16"	40'			
OTHER SIZE ROLLS/ LENGTHS AVAIL UPON REQUEST					

HDPE SDR 17 (125)

AWWA APPROVED

JABO PART#	SIZE	LENGTH
029-31740	4"	40'
029-31760	6"	40'
029-31780	8"	40'
029-31800	10"	40'
029-31820	12"	40'
029-31840	14"	40'
029-31860	16"	40'
029-31880	18"	40'
029-31900	20"	40'
029-31920	24"	40'

OTHER SIZE ROLLS/ LENGTHS AVAIL UPON REQUEST

HDPE SDR 11 (200 PSI)

AWWA APPROVED

JABO PART#	SIZE	LENGTH
029-10000	1"	500'
029-10020	1"	100'
029-10100	1-1/2"	500'
029-10300	2"	500'
029-10320	2"	40'
029-10350	3"	500'
029-20000	3"	40'
029-20010	4"	40'
029-20050	5"	40'
029-20060	6"	50'
029-20100	6"	40'
029-20200	8"	40'
029-20280	8"	50'
029-20300	10"	40'
029-20320	12"	40'
029-20340	14"	40'
029-20360	16"	40'
029-20380	18"	40'
029-20400	20"	40'
029-20420	22"	40'
029-20440	24"	40'

OTHER SIZE ROLLS/ LENGTHS AVAIL UPON REQUEST

IPS SDR 11 METAL STIFFENERS





JABO PART#	SIZE
*	1"
*	1-1/4"
031-29188	1-1/2"
031-29192	2"

IPS HDPE SPECIFICATIONS

IRON PIPE SIZES - OUTSIDE DIAMETER / DR 7, 7.3, 9, 11, 13.5

Pipe weights are calculated in accordance with PPI TR-7. Average ID is calculated using nominal OD and minimum wall plus 6% for use in estimating fluid flows. Actual inside diameter will vary. Pipe dimensions are in accordance with applicable ASTM standards.

1		٠			l		- 0	ا			l	a		l vna		40 -
			S DF 333 i			S DR 317 ₁	- 7.3 osi		PS DF 250 i			S DR 200 p		0	DR - 160 r	13.5
Pipe	Nom.	Min.	Avg.	Weight	Min.	Avg.	Weight	Min.	Avg.	Weight	Min.	Avg.	Weight	Min.	Avg.	Weight
Size	OD	Wall	ID	(lbs/ft.)	Wall	ID	(lbs/ft.)	Wall	ID	(lbs/ft.)	Wall	ID	(lbs/ft.)	Wall	ID	(lbs/ft.)
1/2"	0.840	0.120	0.58	0.118	0.115	0.59	0.114	0.093	0.64	0.096	0.076	0.67	0.08	0.062	0.70	0.071
3/4"	1.050	0.150	0.73	0.185	0.144	0.74	0.18	0.117	0.80	0.15	0.095	0.84	0.125	0.078	0.88	0.104
1"	1.315	0.188	0.91	0.29	0.180	0.93	0.28	0.146	1.00	0.235	0.120	1.06	0.197	0.097	1.10	0.163
1-1/4'	1.660	0.237	1.15	0.462	0.227	1.17	0.447	0.184	1.26	0.374	0.151	1.34	0.313	0.123	1.39	0.26
1-1/2	" 1.900	0.271	1.32	0.606	0.260	1.34	0.585	0.211	1.45	0.49	0.173	1.53	0.411	0.141	1.60	0.341
2"	2.375	0.339	1.65	0.947	0.325	1.68	0.914	0.264	1.81	0.766	0.216	1.91	0.642	0.176	2.00	0.533
2-1/2	2.875	0.411	2.00	1.39	0.389	2.05	1.34	0.319	2.19	1.12	0.261	2.32	0.94	0.213	2.42	0.781
3"	3.500	0.500	2.44	2.06	0.479	2.48	1.99	0.389	2.67	1.66	0.318	2.82	1.39	0.259	2.95	1.16
4"	4.500	0.643	3.13	3.40	0.616	3.19	3.28	0.500	3.44	2.75	0.409	3.63	2.30	0.333	3.79	1.91
5"	5.563	0.795	3.87	5.19	0.762	3.94	5.02	0.618	4.25	4.20	0.506	4.49	3.52	0.412	4.68	2.93
6"	6.625	0.946	4.61	7.37	0.908	4.70	7.12	0.736	5.06	5.96	0.602	5.34	4.99	0.491	5.58	4.15
8"	8.625	1.232	6.01	12.49	1.182	6.12	12.06	0.958	6.59	10.10	0.784	6.96	8.46	0.639	7.27	7.03
10"	10.750	1.536	7.49	19.40	1.473	7.62	18.74	1.194	8.21	15.68	0.977	8.67	13.14	0.796	9.06	10.92
12"	12.750	1.821	8.88	27.28	1.747	9.04	26.36	1.417	9.74	22.06	1.159	10.29	18.49	0.944	10.74	15.36
14"	14.000	2.000	9.76	32.93	1.918	9.93	31.51	1.556	10.70	26.60	1.273	11.30	22.29	1.037	11.80	18.52
16"	16.000	2.286	11.15	43.01	2.192	11.35	41.15	1.778	12.23	34.74	1.455	12.91	29.12	1.185	13.48	24.19
18"	18.000	2.571	12.54	54.43	2.466	12.77	52.08	2.000	13.76	43.97	1.636	14.53	36.85	1.333	15.17	30.62
20"	20.000	2.857	13.94	67.20	2.74	14.19	64.30	2.222	15.28	54.34	1.818	16.14	45.54	1.481	16.86	37.84
22"	22.000	3.143	15.33	81.32	3.014	15.61	77.81	2.444	16.81	65.75	2.000	17.76	55.10	1.630	18.54	45.79
24"	24.000	3.429	16.73	96.77	3.288	17.03	92.60	2.667	18.34	78.25	2.182	19.37	65.58	1.778	20.23	54.49

IPS HDPE SPECIFICATIONS

IRON PIPE SIZES - OUTSIDE DIAMETER / DR 15.5, 17, 21, 26, 32.5

Pipe weights are calculated in accordance with PPI TR-7. Average ID is calculated using nominal OD and minimum wall plus 6% for use in estimating fluid flows. Actual inside diameter will vary. Pipe dimensions are in accordance with applicable ASTM standards.

				DR - !38 p	15.5 si		S DR 125 p			S DR 100 _l	- 21 osi		S DR 80 p.			DR - 63 p:	32.5 si
Pi _l Siz	•	Nom. OD	Min. Wall	Avg. ID	Weight (lbs/ft.)	Min. Wall	_	Weight (lbs/ft.)	Min. Wall	Avg. ID	Weight (lbs/ft.)	Min. Wall	Avg. ID	Weight (lbs/ft.)	Min. Wall	Avg. ID	Weight (lbs/ft.)
1/	/2"	0.840															
3/	'4 "	1.050															
1		1.315	0.085	1.13	0.144	0.077	1.15	0.132									
1-1	/4"	1.660	0.107	1.43	0.229	0.098	1.45	0.21									
1-1	/2"	1.900	0.123	1.64	0.30	0.112	1.66	0.276									
2	2"	2.375	0.153	2.05	0.469	0.140	2.07	0.431	0.113	2.13	0.35						
2-1	/2"	2.875	0.185	2.48	0.69	0.169	2.51	0.631	0.137	2.58	0.52						
3	8"	3.500	0.226	3.02	1.02	0.206	3.06	0.935	0.167	3.14	0.767	0.135	3.21	0.63	0.108	3.27	0.50
4	ļ"	4.500	0.290	3.88	1.69	0.265	3.93	1.55	0.214	4.04	1.27	0.173	4.13	1.03	0.138	4.20	0.835
5	5"	5.563	0.359	4.80	2.58	0.327	4.86	2.36	0.265	5.00	1.94	0.214	5.10	1.58	0.171	5.20	1.28
6	5"	6.625	0.427	5.71	3.65	0.390	5.79	3.35	0.315	5.95	2.75	0.255	6.08	2.24	0.204	6.19	1.81
8	3"	8.625	0.556	7.44	6.19	0.507	7.54	5.68	0.411	7.75	4.66	0.332	7.92	3.80	0.265	8.06	3.07
10	0"	10.750	0.694	9.27	9.62	0.632	9.40	8.83	0.512	9.66	7.23	0.413	9.87	5.90	0.331	10.04	4.76
12	2"	12.750	0.823	11.00	13.53	0.750	11.16	12.41	0.607	11.46	10.18	0.490	11.71	8.30	0.392	11.91	6.70
14	4"	14.000	0.903	12.08	16.31	0.824	12.25	14.97	0.667	12.58	12.27	0.538	12.85	10.01	0.431	13.08	8.08
10	6"	16.000	1.032	13.81	21.30	0.941	14.00	19.55	0.762	14.38	16.03	0.615	14.69	13.08	0.492	14.95	10.55
18	8"	18.000	1.161	15.53	26.96	1.059	15.75	24.74	0.857	16.18	20.28	0.692	16.53	16.55	0.554	16.82	13.35
20	0"	20.000	1.29	17.26	32.82	1.176	17.50	30.58	0.952	17.98	25.07	0.769	18.37	20.45	.0615	18.69	16.50
22	2"	22.000	1.419	18.99	39.71	1.294	19.25	37.00	1.048	19.77	30.33	0.846	20.20	24.75	0.677	20.56	19.97
24	4"	24.000	1.548	20.71	47.26	1.412	21.00	44.03	1.143	21.57	36.10	0.923	22.04	29.45	0.738	22.43	23.76

DIPS

HDPE SDR 11 (200 PSI)

AWWA APPROVED

JABO PART#	SIZE	LENGTH			
029-32040	4"	40'			
029-32060	6"	40'			
029-32080	8"	40'			
029-32100	12"	40'			
ALL SIZES AVAILABLE UPON REQUEST					

HDPE SDR 17 (1125 PSI)

AWWA APPROVED

JABO PART#	SIZE	LENGTH		
029-32065	6"	50'		
ALL SIZES AVAILABLE UPON REQUEST				

ALL SDR AVAILABLE UPON REQUEST (SDR 7-26)





SDR 35 SEWER PIPE

SOLID



PERFORATED





GALVANIZED CORRUGATED PIPE

SPECIFICATIONS

HEL-COR Pipe Coatings

Galvanized Steel - Corrugated galvanized pipe made from steel coated with zinc to extend service life. The most widely used and most economical metallic coating for corrugated steel pipe.

Aluminized Type 2 - Pipe made from steel that has been hot-dipped in commercially pure aluminum; offers 75 years or more of maintenance free service life.

Polymer Coated - Pipe made from steel with a heavy-gage polymer coating; protects against abrasion and corrosion to provide at least 100 years of service life with a guaranteed 80-years "add-on" according to the 2012 Polymer Coated CSP Study performed by the NCSPA.

Asphalt Coated - Steel pipe coated with asphalt for prolonged service life; and can also be used to improve hydraulics.

HEL-COR Pipe Properties

Diameter range 12" – 144"

Wall thicknesses of 18, 16, 14, 12, 10 and 8 gage

Available with helical or annular corrugations

1-1/2" x 1/4" and 2-2/3" x 1/2" corrugations for economical and efficient metal use in small diameters (48"& down)

3" x 1" and 5" x 1" offer high sectional properties in large diameter pipe (60" and above)

Standards lengths are 20'- 40'

HEL-COR Pipe Shapes

Full Round - recommended for most applications

Pipe -Arch - low, wide pipe-arch design distributes the area horizontally to provide adequate capacity with

HEL-COR Pipe Accessories

End Sections
Joint & Banding Systems
Fittings

HEL-COR Pipe Applications

Drainage culverts, canals, and ditch enclosures
Storm sewers and drainage pipe
Stormwater detention and infiltration
Rehabilitating sanitary sewers, storm sewers, and small culverts
Wind turbine foundations and vertical shafts



GALVANIZED CORRUGATED PIPE

FULL ROUND ARCH PIPE



16GUAGE PIPE					
20' Stic	20' Sticks				
JABO PART#	SIZE	PATTERN			
114-00060	6"	1-1/2" X 1/4"			
114-00080	8"	1-1/2" X 1/4"			
114-00100	10"	1-1/2" X 1/4"			
114-02120	12"	2-2/3"X1/2"			
114-02150	15"	2-2/3"X1/2"			
114-02180	18"	2-2/3"X1/2"			
114-02240	24"	2-2/3"X1/2"			
114-02300	30"	2-2/3"X1/2"			
114-02360	36"	2-2/3"X1/2"			
114-02480	48"	2-2/3"X1/2"			
114-02600	60"	5"X1"			

$\Delta V \Delta I$	I ARI	F UP	TO 1	144"

12	GUAGE PIL	'E
20' Stic	cks	CORRUGATION
JABO PART#	SIZE	PATTERN
114-02610	36"	2-2/3"X1/2"
114-02620	60"	2-2/3"X1/2"

AVAILABLE FROM 12"-144"

16GUAGE PIPE				
icks	CORRUGATION			
SIZE	PATTERN			
12"	2-2/3"X1/2"			
15"	2-2/3"X1/2"			
18"	2-2/3"X1/2"			
24"	2-2/3"X1/2"			
36"	2-2/3"X1/2"			
	SIZE 12" 15" 18" 24"			

AVAILABLE UP TO 144"

12 GUAGE PIPE					
10' St	CORRUGATION				
JABO PART#	SIZE	PATTERN			
114-02611	36"	2-2/3"X1/2"			

AVAILABLE FROM 12"-144"



NON STOCK

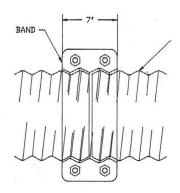
Ougstiens most	lad for NON Ctack Ordana
Questions need	led for NON Stock Orders
1. 7	TYPE of PIPE-
	*Round
	*Arch
2. TY	PE of COATING
*Ga	alvanized Steel
*Alı	uminized Type 2
*F	Polyer Coating
*A	sphalt Coated
3	. SIZE -OD
	-144" Full Round
*15"	-120" Arch Pipe
4. WALL T	HICKNESS / GUAGE
*18	3, 16,14,12,10,8
	JGATION PATTERN
*1-1/2"X1/4"	48"& DOWN
*2-2/3" X 1/2"	
*3" X 1"	60" & ABOVE
*5"X 1"	33 32 3.2

GALVANIZED BANDS

CONTECH's H-12 HUGGER Bands are versatile, multipurpose couplers for corrugated metal pipe. The H-12 HUGGER Band is designed to join HEL-COR® Pipe and provide the necessary strength to meet the current AASHTO joint and Performance Criteria for Standard Joints. HEL-COR Pipe ends are reformed with two annular corrugations, providing one locking corrugation for the HUGGER Band, plus a corrugation for an O-ring gasket when necessary. The H-12 is also used with 12" wide flat gaskets. For applications where infiltration is especially critical, the H-12 HUGGER Bands should be ordered with O-ring or flat gaskets, and in some cases, rods and lugs for pullapart resistanc

HUGGER Bands are available with any of CONTECH's **standard materials or coatings including:** plain galvanized, asphalt coated, aluminized steel type 2, polymeric or aluminum. The HUGGER concept features an excellent system for joining rerolled annular end corrugated pipe. Re-forming corrugations on each pipe end simplifies indexing between band and pipe, and provides for positive locking with the corrugations regardless of the orientation of the pipes. There is no need to rotate pipe sections as is often necessary with helically-ended pipe. The HUGGER Band engages the rerolled end of the pipe for 360o to provide more moment capability and pull-apart resistance than a dimple band.

HAT BAND (6,8,10" PIPE)



HUGGER BAND (12"-60")

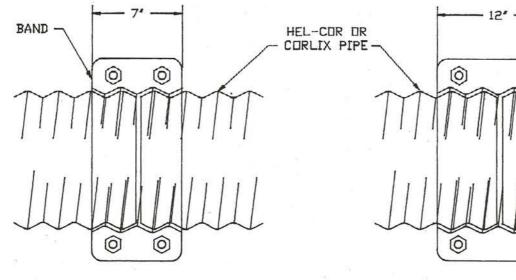


COUPLINGS FOR FULL ROUND PIPE



16 GUAGE COUPLINGS					
WIDTH-SEE	BELOW	CORRUGATION			
JABO PART#	SIZE	PATTERN			
114-03060	6"	2-2/3"X1/2"			
114-03080	8"	2-2/3"X1/2"			
114-03100	10"	2-2/3"X1/2"			
114-04120	12"	2-2/3"X1/2"			
114-04150	15"	2-2/3"X1/2"			
114-04180	18"	2-2/3"X1/2"			
114-04240	24"	2-2/3"X1/2"			
114-04300	30"	2-2/3"X1/2"			
114-04360	36"	2-2/3"X1/2"			
114-04480	48"	2-2/3"X1/2"			
114-04600	60"	5" X 1"			
Standard Band Width 6"-10" IS 7" Wide					
Standard Band \	Nidth 12"-6	0" is 12" Wide			
Wide Bands (24") Available upon request					

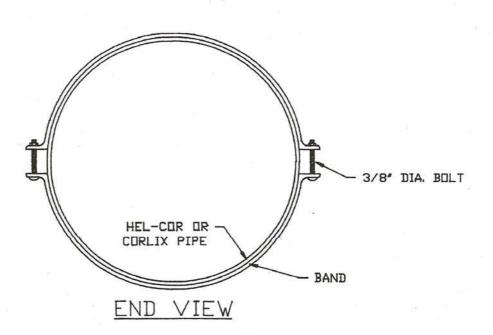
BAND



SECTION

SECTION

0



GENERAL NOTES

- 1. Bands are furnished in two pieces.
- 2. Bands may be fabricated from either steel or aluminum.
- Dimensions are subject to manufacturing tolerances.

CORRUGATIONS	H-2 (7) H-2 (12)		
1-1/2" X 1/4" 2-2/3" X 1/2"	6" 8" 10"	N/A N/A N/A	
2-2/3" X 1/2"	12' 15' 18' 24'	12° 15° 18° 24°	



HAT BANDS

H-2 (7)

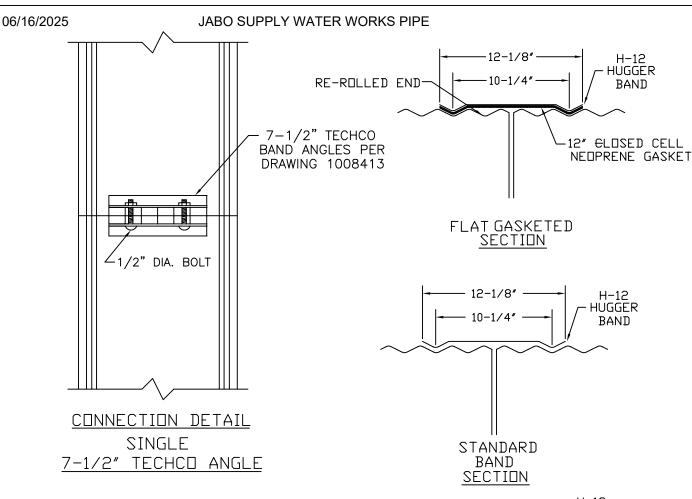
&

H-2 (12)

Drawing Date:

F.B. 11-5-73 Revision 10–31–90 6–6–95

Drawing Number: 1005754C

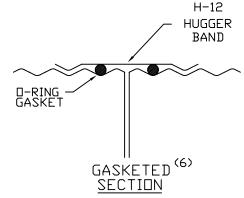


GENERAL NOTES

- Refer to CONTECH Band Selection Guide for band width, gage, and fastener types.
- 2. Bands for pipe-arch are the same as for equivalent diameter round pipe.
- 3. Bands are normally furnished as follows:

12" thru 48" 54" thru 96" 12" thru 48" 1 - piece 54" thru 96" 2 - piece 102" thru 120" 3 - piece

- 4. Band fasteners are attached with spot welds, rivets or hand welds.
- 5. Rerolled annular end corrugations are normally $2-2/3'' \times 1/2''$.
- 6. □-Ring gaskets may be used with the TECHCO Angle for soil tight applications.
- 7. Dimensions are subject to manufacturing tolerances.



<u>CORRUGATIONS</u> 2-2/3" X 1/2" 3" X 1" 5" X 1" $3/4'' \times 3/4'' \times 7-1/2''$ PIPE PRODUCTS **GALVANIZED** ALUMINIZED BITUMINOUS COATED SMOOTH-FLO CONCRETE-LINED STEEL ULTRA FLO

H-12 HUGGER

BAND

H-12

BAND



H-12 HUGGER BAND WITH TECHCO ANGLE HEL-COR

REV. BY: SCALE: DRAWN BY: F.B. J.D.S. N/A 1008402C

C COPYRIGHT JABO SUPPLY SINCE 1964 SERVICE IS MORE THAN A PROMISE (304) 736-8333

HDPE CORRUGATED PIPE

SINGLE WALL



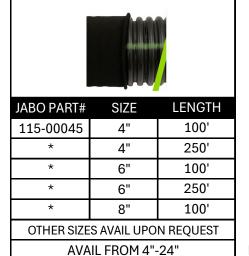
4"-8"Single Wall Pipe requires a Snap Coupling -

4"-12" Fittings are Bell X Bell

SOLID CORRUGATED			
JABO PART#	SIZE	LENGTH	
115-00040	4"	100'	
*	4"	250'	
115-00060 6" 100'			
*	6"	250'	
*	8"	100'	
OTHER SIZES AVAIL UPON REQUEST			
AVAIL FROM 4"-15"			
BOTH STICK AND ROLLS			
ROLLS 100'-5500' DEPENDING SIZE ON SIZE			
*NON STO	*NON STOCK CALL JABO SUPPLY		



*NON STOCK CALL JABO SUPPLY



PERFORATED W/SOC

BOTH STICK AND ROLLS

*NON STOCK CALL JABO SUPPLY

SOCK AVAILABLE UPON REQUEST- 4"-60"

BOTH SINGLE AND DUAL WALL PIPE

HDPE CORRUGATED PIPE

DUAL WALL ADS PIPE

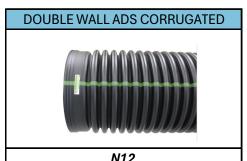
N12

HP STORM

Double Wall Pipe 12"-60" Bell X
Spigot

NO FITTING REQUIRED TO CONNECT PIPE

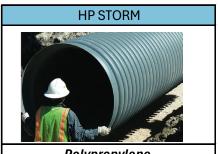
15"-60" Fittings requires split coupler to connect fitting to Pipe See HDPE Drain Fittings



	1412	
JABO PART#	SIZE	
115-00090	8"	
115-00110	10"	
115-00130	12"	
115-00150	15"	
115-00180	18"	20' Length
115-00240	24"	
115-00300	30"	
115-00360	36"	
115-00480	48"	
115-00600	60"	

Description

The Dual Wall N-12 pipe, with its smooth interior wall and corrugated exterior, offers exceptional hydraulics and strength. Built using application-specific high-density polyethylene, Dual Wall N-12 corrugated pipe also provides superior corrosion and abrasion resistance. This makes it an excellent alternative to reinforced concrete (RCP) and corrugated metal pipe (CMP).



Polypropylene		
JABO PART#	SIZE	
*	8"	
*	10"	
*	12"	20' Length
*	15"	
*	18"	
*	24"	
*	30"	*NON
*	36"	STOCK
*	48"	CALL JABO
*	60"	SUPPLY

This high-performance polypropylene (PP) pipe is the perfect choice for gravity-flow storm drainage applications and when premium joint performance and/or greater pipe stiffness is required. It couples advanced polypropylene resin technology with a proven, dual wall profile design for superior performance and durability. The smooth interior wall offers additional strength as well as superior flow.

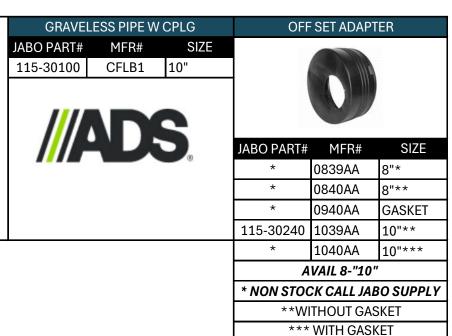
Description

Benefit- Heavier wall pipe can be used for deeper burial depths

HDPE CORRUGATED PIPE

SB2 LEACH BED PIPE

SF2 Gravel-less leach bed pipe system can be a cost effective alternative to conventional leach beds. The piping is comprised of eight or ten inch Single Wall corrugated Polyethylene pipe with uniquely located perforations wrapped with ADS Drain Guard and non- Woven geotextile



USED WITH SB2 LEACH PIPE

MAR MAC POLYSEAL PIPE COUPLER



MAR MAC® POLYSEAL PIPE COUPLER

GET SOIL-TIGHT JOINT PERFORMANCE FROM ANY DRAINAGE PIPE WITH POLYSEAL.

Polyseal is a high strength, reinforced coupler that delivers reliable soil-tight performance. It consists of thick rubberized bonding mastic that provides a tight positive seal around pipes and culverts.

The coupler incorporates a shear and puncture-resistant internal fabric with a chemical-resistant, cross-laminated polyethylene outer cover.

Securing straps are engineered within the coupler to perform as hose clamps, providing a seal against soil infiltration and ensuring that joints stay both soil-tight and flexible.

Polyseal is another water management solution brought to you by ADS. We're one of the industry's oldest suppliers of High Density Polyethylene (HDPE) and Polypropylene (PP) products and accessories, with close to fifty years of experience. Our continued success has centered on one principle: providing our customers with better products and better service than they'll find anywhere else.

Mar Mac Repair Couplers

Jabo	Product Number	Product Description
*	0667RC	6" Repair Coupler
*	0867RC	8" Repair Coupler
*	1067RC	10" Repair Coupler
*	1267RC	12" Repair Coupler
*	1567RC	15" Repair Coupler
*	1867RC	18" Repair Coupler
*	2167RC	21" Repair Coupler
*	2467RC	24" Repair Coupler
*	3067RC	30" Repair Coupler
*	3667RC	36" Repair Coupler
*	4267RC	42" Repair Coupler
*	4867RC	48" Repair Coupler
*	5467RC	54" Repair Coupler
*	6067RC	60" Repair Coupler
	D	ouble Wide
*	0867RCD	8" Double Wide Repair Coupler
*	1067RCD	10" Double Wide Repair Coupler
*	1267RCD	12" Double Wide Repair Coupler
*	1567RCD	15" Double Wide Repair Coupler
*	1867RCD	18" Double Wide Repair Coupler
*	2167RCD	21" Double Wide Repair Coupler
*	2467RCD	24" Double Wide Repair Coupler
*	3067RCD	30" Double Wide Repair Coupler
*	3667RCD	36" Double Wide Repair Coupler
*	4267RCD	42" Double Wide Repair Coupler
*	4867RCD	48" Double Wide Repair Coupler
*	5467RCD	54" Double Wide Repair Coupler
*	6067RCD	60" Double Wide Repair Coupler
*	6067RCD	60" Double Wide Repair Coupler







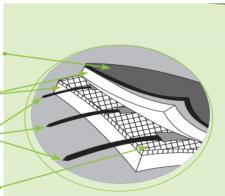


Heavy Cross-Laminated
Polyethylene Backing

Rubberized Mastic Sealer

Securing Straps

Woven Polypropylene Reinforcing



POLYSEAL COUPLERS ARE USED TO SEAL THE JOINTS OF HDPE & PP PIPE, SEALING BELL-AND-SPIGOT, AND BUTT JOINTS OF SIZES 8" (200mm) THROUGH 60" (1500mm) ID.

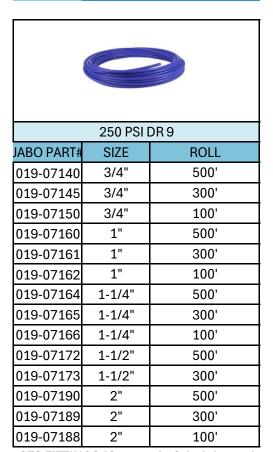




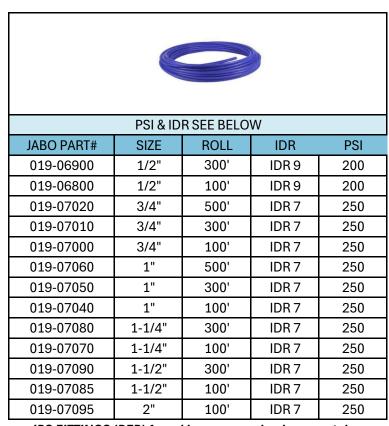
WATER TUBING

CTS WATER LINE AWWA

IPS WATER LINE AWWA



CTS FITTINGS (Campack, Grip Joint and CB Compression found in compression brass catalog



IPS FITTINGS (PEP) found in compression brass catalog

CTS SDR9 METAL STIFFENERS

SERIES 86 JABO PART# SIZE 031-29112 3/4" 031-29120 1" 031-29128 1-1/4" 031-29132 1-1/2" 031-29136 2"

IPS SIDR7 METAL STIFFENERS

SERIES 87	Cambridge Company
JABO PART#	SIZE
031-29144	3/4"
031-29148	1"
031-29152	1-1/4"
031-29156	1-1/2"
031-29160	2"

COPPER TUBING

SPECIFICATIONS

Type K

Type K copper pipes have the thickest wall out of the four. Since it also contains the most amount of copper, it's also the heaviest and the most expensive. However, these features make Type K copper pipes extremely durable.

Type L

Type L and Type M copper pipes are more popular among homeowners and small commercial buildings. Type L pipes are cheaper than Type K copper pipes, but still have high durability that makes them last longer under optimal conditions.

Even if they're lighter than type K copper pipes, Type L pipe is still suitable for underground use.

Type L copper pipes come in hard pipes or flexible rolls. Hard Type L pipes are commonly used indoors to supply potable water, carry hot water, and supply water to sprinkler systems.

On the other hand, soft Type L copper tubing is used for underground and outdoor use since they're easier to work with and don't need fittings (which increase the chance of a leak).

Type L copper pipes are also the go-to choice when there are concerns about the water supply wearing the pipe down (if the pressure on the water supply is too high). Because these can withstand high water pressure, these are the good middle-ground for most residential properties.

Type M

Among these three main types of copper pipes used to distribute water, Type M pipes have the thinnest pipe walls.

This may sound like a disadvantage, but this actually makes Type M the best choice for many homeowners for a few reasons. Since it uses less copper than the other two, it's much cheaper, lighter, and easier to install in comparison.

However, since it's not as durable, you may need to keep an eye on many factors if you use Type M copper pipes on your plumbing system. Some examples of things you need to monitor are:

- *The water pressure going through your pipes
- *The chemical composition of the water.
- *The weather and landscape conditions. (Type M pipes aren't very suitable for outdoor or underground use like Type L.)

If you want to install type M copper piping in your building, make sure to check your local building codes beforehand to see if it's allowed. Additionally, check the water pressure running through your pipes.

Copper DWV Pipes

Copper DWV (Drain, Waste, and Vent) pipes are pipes that are used to remove waterborne waste from your property.

Unlike water supply lines, which need to use pressure to deliver water, DWV pipes use gravity to operate. This application is perfect for copper DWV pipes, as its walls can't stand a high-pressure flow, even in the thickest DWV pipes.

It's more likely that you'll encounter DWV pipes in older homes, as most others will already have been replaced by PEX pipes or PVC pipes. DWV pipes are bigger than pipes used in most water supply systems (a 2-inch DWV pipe has a wall thickness of 0.042 inches).

COPPER TUBING

TYPE K

AVAILABLE FROM 1/4"-8"

K-SOFT COPPER TUBING

SOFT=COIL

JABO PART#	SIZE	LENGTH
022-86130	1/2"	60'
022-86290	3/4"	60'
022-86300	3/4"	100'
022-86370	1"	60'
022-86375	1"	100'
022-86380	2"	60'

K-HARD COPPER TUBING

HARD=STRAIGHT STICK

JABO PART#	SIZE	LENGTH
022-85100	1/4"	20'
022-85150	3/8"	20'
022-86200	5/8"	20'



"Soft"



"Hard"

TYPE L

AVAILABLE FROM 1/4"-8"

L-SOFT COPPER TUBING

HARD=STRAIGHT STICK

JABO PART#	SIZE	LENGTH
022-88050	1/4"	60'
022-88070	3/8"	60'
022-88090	1/2 "	60'
022-88250	3/4"	60'
022-88330	1"	60'

L-HARD COPPER TUBING

SOFT=COIL

JABO PART#	SIZE	LENGTH
022-87110	1/2"	60'
022-87270	3/4"	60'
022-87350	1"	60'
022-87430	1-1/4"	60'
022-87530	1-1/2"	60'
022-87610	2	60'
022-87690	2-1/2"	60'
022-87730	3"	60'

REFRIGERATION SERVICE TUBE

AVAILABLE 1/8"-1-5/8"

JABO PART#	SIZE	LENGTH
022-90230	1/8"	50'
022-90250	3/16"	50'
022-90310	1/4"	50'
022-90350	5/16"	50'
022-90390	3/8"	50'
022-90430	1/2"	50'
022-90470	5/8"	50'
022-90510	3/4"	50'

SIZE=OD MEASUREMENT

