



**ERNST FLOW INDUSTRIES**  
A CLARK-RELIANCE COMPANY



*NOTE: Always wear Safety Glasses when working with Gauge Glass.*

## EFI HIGH PRESSURE CLEAR – Model #500

### TEMPERATURE & PRESSURE RATINGS

#### Maximum Recommended Working Pressure, PSI

SIZE	LENGTH	Maximum Recommended Working Pressure, PSI		
		TEMPERATURES UP TO 150°F NO CORROSION	STEAM BOILER SERVICE UP TO 425°F	
<b>1/2" O.D. +0, -1/32"</b>	8"	460	340	
	10"	445	335	
	12"	435	325	
	14"	415	315	
	16"	400	300	
	18"	385	295	
	20"	375	285	
	24"	340	270	
	30"	295	***	
	36"	260	***	
<b>5/64" Wall ± 1/64"</b>	48"	205	***	
	60"	155	***	
	72"	110	***	
	8"	435	320	
	10"	420	315	
	12"	410	305	
	14"	390	295	
	16"	375	285	
	18"	360	280	
	20"	350	270	
<b>3/32" Wall ± 1/64"</b>	24"	320	255	
	30"	280	***	
	36"	245	***	
	48"	195	***	
	60"	150	***	
	72"	100	***	
	<b>3/4" O.D. +0, -1/32"</b>	8"	425	315
		10"	410	310
		12"	400	300
		14"	385	290
16"		370	280	
18"		355	275	
20"		345	265	
24"		315	250	
30"		275	***	
36"		240	***	
<b>7/64" Wall ± 1/64"</b>	48"	190	***	
	60"	145	***	
	72"	100	***	

\*\*\* Maximum recommended length in this service is 24".

TUBULAR GAUGE GLASS (TEMPERATURE & PRESSURE RATINGS)

## EFI HIGH PRESSURE CLEAR – Model #500 (cont.)

### TEMPERATURE & PRESSURE RATINGS

		Maximum Recommended Working Pressure, PSI		
SIZE	LENGTH	TEMPERATURES UP TO 150°F NO CORROSION	STEAM BOILER SERVICE UP TO 425°F	
<b>7/8" O.D. +0, -1/32"</b>	8"	380	This size Not Recommended in this Service	
	10"	370		
	12"	360		
	14"	350		
	16"	340		
	18"	335		
	20"	330		
	24"	315		
	30"	285		
	36"	265		
<b>1/8" Wall ± 1/32"</b>	48"	210		
	60"	160		
	72"	110		
	<b>1" O.D. +0, -1/32"</b>	8"	345	This size Not Recommended in this Service
		10"	335	
		12"	325	
		14"	320	
		16"	310	
		18"	305	
		20"	300	
24"		285		
30"		260		
36"		240		
<b>1/8" Wall ± 1/32"</b>	48"	190		
	60"	145		
	72"	100		
	<b>1-1/8" O.D. +0, -3/64"</b>	8"	270	This size Not Recommended in this Service
		10"	265	
		12"	260	
		14"	250	
		16"	245	
		18"	240	
		20"	240	
24"		235		
30"		225		
36"		200		
<b>1/8" Wall ± 1/32"</b>	48"	180		
	60"	150		
	72"	130		
	<b>1-1/4" O.D. +0, -3/64"</b>	8"	240	This size Not Recommended in this Service
		10"	235	
		12"	230	
		14"	225	
		16"	220	
		18"	215	
		20"	215	
24"		210		
30"		200		
36"		180		
<b>1/8" Wall ± 1/32"</b>	48"	160		
	60"	135		
	72"	115		
	<b>1-1/2" O.D. +0, -3/64"</b>	8"	210	This size Not Recommended in this Service
		10"	205	
		12"	200	
		14"	200	
		16"	195	
		18"	190	
		20"	190	
24"		185		
30"		175		
36"		160		
<b>1/8" Wall ± 1/32"</b>	48"	140		
	60"	120		
	72"	100		

\*\*\* Maximum recommended length in this service is 24".

## EFI HIGH PRESSURE RED LINE – Model #501

### TEMPERATURE & PRESSURE RATINGS

		Maximum Recommended Working Pressure, PSI		
SIZE	LENGTH	TEMPERATURES UP TO 150°F NO CORROSION	STEAM BOILER SERVICE UP TO 425°F	
<b>1/2" O.D. +0, -1/32"</b>	8"	390	300	
	10"	370	295	
	12"	360	295	
	14"	345	290	
	16"	335	285	
	18"	325	280	
	20"	310	280	
	24"	280	270	
	30"	250	***	
	36"	215	***	
<b>5/64" Wall ± 1/64"</b>	48"	175	***	
	60"	135	***	
	72"	100	***	
	<b>5/8" O.D. +0, -1/32"</b>	8"	370	285
		10"	345	280
		12"	335	280
		14"	325	275
		16"	315	270
		18"	305	265
		20"	290	265
24"		265	255	
30"		235	***	
36"		205	***	
<b>3/32" Wall ± 1/64"</b>	48"	165	***	
	60"	125	***	
	72"	90	***	
	<b>3/4" O.D. +0, -1/32"</b>	8"	360	280
		10"	340	275
		12"	330	275
		14"	320	270
		16"	310	265
		18"	300	260
		20"	285	260
22"		270	250	
24"		260	250	
30"		230	***	
<b>7/64" Wall ± 1/64"</b>	36"	200	***	
	48"	160	***	
	60"	125	***	
	72"	90	***	
	<b>1-1/4" O.D. +0, -3/64"</b>	8"	315	This size Not Recommended in this Service
		10"	310	
		12"	305	
		14"	300	
		16"	285	
		18"	280	
20"		275		
24"		265		
30"		240		
36"		225		
<b>1/8" Wall ± 1/32"</b>	48"	185		
	60"	145		
	72"	100		
	<b>1-1/2" O.D. +0, -3/64"</b>	8"	275	This size Not Recommended in this Service
		10"	270	
		12"	265	
		14"	260	
		16"	250	
		18"	245	
		20"	240	
24"		230		
30"		210		
36"		195		
<b>1/8" Wall ± 1/32"</b>	48"	160		
	60"	125		
	72"	90		

\*\*\* Maximum recommended length in this service is 24".

# EFI HIGH PRESSURE HEAVY WALL CLEAR & RED LINE Model #600 & 601

## TEMPERATURE & PRESSURE RATINGS

Maximum Recommended Working Pressure, PSI

SIZE	LENGTH	TEMPERATURES UP TO 150°F NO CORROSION	STEAM BOILER SERVICE UP TO 425°F
<b>5/8" O.D.</b> <b>+1/64 , -3/64"</b>	8"	600	350
	10"	600	345
	12"	600	340
	14"	600	335
	16"	600	325
	18"	600	320
<b>3/16" Wall</b> <b>+3/64" , -0</b>	20"	600	315
	24"	580	300
	30"	550	***
	36"	500	***
	48" (Max.)	340	***
<b>3/4" O.D.</b> <b>+1/64 , -3/64"</b>	8"	600	350
	10"	600	345
	12"	600	340
	14"	600	335
	16"	600	325
	18"	600	320
<b>7/32" Wall</b> <b>+1/16" , -0</b>	20"	600	315
	24"	580	300
	30"	550	***
	36"	500	***
	48" (Max.)	340	***
<b>7/8" O.D.</b> <b>+1/64 , -3/64"</b>	8"	600	350
	10"	600	345
	12"	600	340
	14"	600	335
	16"	600	325
	18"	600	320
<b>1/4" Wall</b> <b>+1/16" , -0</b>	20"	600	315
	24"	580	300
	30"	550	***
	36"	500	***
	48" (Max.)	340	***
<b>1" O.D.</b> <b>+1/64 , -3/64"</b>	8"	600	350
	10"	600	345
	12"	600	340
	14"	600	335
	16"	600	325
	18"	600	320
<b>5/16" Wall</b> <b>+1/16" , -0</b>	20"	600	315
	24"	580	300
	30"	550	***
	36"	500	***
	48" (Max.)	340	***

\*\*\* Maximum recommended length in this service is 24".



**ERNST FLOW INDUSTRIES**  
A CLARK-RELIANCE COMPANY

116 Main Street. PO BOX 925,  
Farmingdale, NJ 07727-0925  
Tel 732-938-5641  
Fax 732-938-9463  
www.ernstflow.com  
Info@ernstflow.com