



# Product Technical Specifications

## HYDRAULIC HOSES



### SAE 100 R1 AT / DIN EN853 (Single Wire Braided) 1SN

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
01-3	3	5	3/16"	11.8	25.0	250	3625	100	1000	14500	90	0.206
01-4	4	6	1/4"	13.4	22.5	225	3263	90	900	13050	100	0.245
01-5	5	8	5/16"	15.0	21.5	215	3118	85	850	12325	115	0.289
01-6	6	10	3/8"	17.4	18.0	180	2610	72	720	10440	130	0.359
01-8	8	12	1/2"	20.5	16.0	160	2320	64	640	9280	180	0.447
01-10	10	16	5/8"	23.6	13.0	130	1885	52	520	7540	200	0.538
01-12	12	19	3/4"	27.7	10.5	105	1523	42	420	6090	240	0.677
01-16	16	25	1"	35.4	8.8	88	1276	35	350	5075	300	0.967
01-20	20	31	1 1/4"	43.7	6.3	63	914	25	250	3625	420	1.381
01-24	24	38	1 1/2"	50.0	5.0	50	725	20	200	2900	500	1.666
01-32	32	51	2"	63.7	4.0	40	580	16	160	2320	630	2.257

Highlights : Suitable for use within the temperature range -40°C to +100°C, Intermittent Temp upto +120°C



### SAE 100 R2 AT / DIN EN853 (Double Wire Braided) 2SN

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
02-3	3	5	3/16"	13.4	41.5	415	6018	165	1650	23925	90	0.331
02-4	4	6	1/4"	15.0	40.0	400	5800	160	1600	23200	100	0.393
02-5	5	8	5/16"	16.6	35.0	350	5075	140	1400	20300	115	0.453
02-6	6	10	3/8"	18.9	33.0	330	4785	132	1320	19140	130	0.564
02-8	8	12	1/2"	22.1	27.5	275	3988	110	1100	15950	180	0.673
02-10	10	16	5/8"	25.4	25.0	250	3625	100	1000	14500	200	0.787
02-12	12	19	3/4"	29.3	21.5	215	3118	85	850	12325	240	0.984
02-16	16	25	1"	37.6	16.5	165	2393	65	650	9425	300	1.427
02-20	20	31	1 1/4"	47.5	12.5	125	1813	50	500	7250	420	2.107
02-24	24	38	1 1/2"	54.5	9.0	90	1305	36	360	5220	500	2.734
02-32	32	51	2"	67.0	8.0	80	1160	32	320	4640	630	3.282

Highlights : Suitable for use within the temperature range -40°C to +100°C, Intermittent Temp upto +120°C



### Extra High Pressure Hose (SHIPL Proprietary - SH33)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
ER 33-8	8	12	1/2"	24.8	47.0	470	6815	188	1880	27260	160	1.000
ER 33-10	10	16	5/8"	27.8	40.0	400	5800	160	1600	23200	216	1.095
ER 33-12	12	19	3/4"	32.5	35.5	355	5148	142	1420	20590	260	1.470
ER 33-16	16	25	1"	40.0	31.0	310	4495	124	1240	17980	310	1.952
ER 33-20	20	31	1 1/4"	46.5	24.0	240	3480	96	960	13920	410	2.341

Highlights : Suitable for use with petroleum & water based hydraulic fluids within the temperature range -40°C to +100°C.



### Jack Hose 725 BAR WP

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
Jack-4	4	6	1/4"	14.0	72.5	725	10513	145	1450	21025	100	0.332
Jack-6	6	10	3/8"	17.5	72.5	725	10513	145	1450	21025	130	0.469

Highlights : Ideal for Hydraulic Jacking System, Suitable for use within the temperature range -40°C to +50°C.

# Evershine Product Technical Specifications

## HYDRAULIC HOSES



### Super Loader Hose (SH Series)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
Loader-16	16	25	1"	38.1	22	220	3200	88	880	12760	300	1.624

Highlights : Suitable for extra high pressure-Loader application.



### SAE 100 R3 (Double Textile Braided)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
03-4	4	6	1/4"	14.5	8.7	87	1262	34.8	348	5046	75	0.183
03-5	5	8	5/16"	17.3	8.4	84	1218	33.6	336	4872	100	0.261
03-6	6	10	3/8"	19.3	7.8	78	1131	31.2	312	4524	100	0.318
03-8	8	12	1/2"	23.9	7.0	70	1015	28.0	280	4060	125	0.462
03-10	10	16	5/8"	26.9	6.1	61	885	24.4	244	3538	140	0.531
03-12	12	19	3/4"	31.8	5.2	52	754	20.8	208	3016	150	0.739
03-16	16	25	1"	38.1	3.9	39	566	15.6	156	2262	205	0.904

Highlights : Suitable for use with petroleum & water based hydraulic fluids within the temperature range -40°C to +100°C.



### SAE 100 R6 (Single Textile Braided)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
06-4	4	6	1/4"	12.3	2.8	28	406	11.2	112	1624	65	0.117
06-5	5	8	5/16"	13.8	2.8	28	406	11.2	112	1624	75	0.14
06-6	6	10	3/8"	15.5	2.8	28	406	11.2	112	1624	75	0.171
06-8	8	12	1/2"	19.4	2.8	28	406	11.2	112	1624	100	0.243
06-10	10	16	5/8"	23.2	2.4	24	348	9.6	96	1392	125	0.325
06-12	12	19	3/4"	25.8	2.1	21	305	8.4	84	1218	150	0.351
06-16**	16	25	1"	33.1	1.5	15	218	6.0	60	870	177	0.508
06-14**	14	22	7/8"	29.3	1.5	15	218	6.0	60	870	165	0.422
06-20**	20	31	1 1/4"	43.0	1.4	14	203	5.6	56	812	225	0.975
06-24**	24	38	1 1/2"	50.5	1.4	14	203	5.6	56	812	300	1.275
06-32**	32	51	2"	63.5	1.4	14	203	5.6	56	812	400	1.687

Highlights : Suitable for use with petroleum & water based hydraulic fluids within the temperature range -40°C to +100°C.

\*\* Not Covered under SAE



### SAE 100 R5C (Double Textile Braided Separated by One Wire Braiding)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
05-4	4	5	3/16"	13.3	21.0	210	3045	84	840	12180	75	0.257
05-5	5	6	1/4"	15.0	21.0	210	3045	84	840	12180	85	0.272
05-6	6	8	5/16"	17.3	16.0	160	2320	64	640	9280	100	0.371
05-8	8	10	13/32"	19.6	14.0	140	2030	56	560	8120	115	0.419
05-10	10	12	1/2"	23.6	12.5	125	1813	50	500	7250	140	0.561
05-12	12	16	5/8"	27.7	10.5	105	1523	42	420	6090	165	0.712
05-16	16	22	7/8"	31.3	5.6	56	812	22.4	224	3248	185	0.720

Highlights : Suitable for use with petroleum & water based hydraulic fluids within the temperature range -40°C to +100°C.

# Product Technical Specifications

## HYDRAULIC HOSES



SAE 100 R5R (Textile Inner Braid & Wire Reinforcement and rubber outer cover)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
5R - 4	4	5	3/16"	13.0	21.0	210	3045	84.0	840	12180	75	0.252
5R - 5	5	6	1/4"	14.7	21.0	210	3045	84.0	840	12180	85	0.304
5R - 6	6	8	5/16"	17.0	16.0	160	2320	64.0	640	9280	100	0.391
5R - 8	8	10	13/32"	19.0	14.0	140	2030	56.0	560	8120	115	0.443
5R - 10	10	12	1/2"	23.4	12.5	125	1813	50.0	500	7250	140	0.628
5R - 12	12	16	5/8"	27.3	10.5	105	1523	42.0	420	6090	165	0.777
5R - 16	16	22	7/8"	31.3	5.6	56	812	22.4	224	3248	185	0.743

Highlights : Suitable for use with petroleum & water based hydraulic fluids within the temperature range -40°C to +100°C.

## INDUSTRIAL HOSES



Steam Hose (Single Wire Braided) WP 10 BAR (IS : 10655 Type-2)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
51 - 6	6	10	3/8"	18.9	1	10	145	10	100	1450	130	0.341
51 - 8	8	12	1/2"	22.1	1	10	145	10	100	1450	180	0.434
51 - 10	10	16	5/8"	25.4	1	10	145	10	100	1450	200	0.523
51 - 12	12	19	3/4"	28.7	1	10	145	10	100	1450	240	0.614
51 - 16	16	25	1"	36.0	1	10	145	10	100	1450	300	0.808
51 - 20	20	31	1 1/4"	43.5	1	10	145	10	100	1450	400	1.149
51 - 24	24	38	1 1/2"	50.5	1	10	145	10	100	1450	500	1.425
51 - 32	32	51	2"	63.5	1	10	145	10	100	1450	650	1.810

Highlights : Suitable for use within the temperature range -40°C to +195°C.



Steam Hose (Double Wire Braided) WP 17 BAR (IS : 10655 Type-3)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
52 - 6	6	10	3/8"	21.1	1.7	17	247	17	170	2465	130	0.510
52 - 8	8	12	1/2"	24.0	1.7	17	247	17	170	2465	180	0.645
52 - 10	10	16	5/8"	27.6	1.7	17	247	17	170	2465	200	0.780
52 - 12	12	19	3/4"	30.9	1.7	17	247	17	170	2465	240	0.903
52 - 16	16	25	1"	38.6	1.7	17	247	17	170	2465	300	1.186
52 - 20	20	31	1 1/4"	46.0	1.7	17	247	17	170	2465	400	1.632
52 - 24	24	38	1 1/2"	54.3	1.7	17	247	17	170	2465	500	2.139
52 - 32	32	51	2"	67.5	1.7	17	247	17	170	2465	650	2.685

Highlights : Suitable for use within the temperature range -40°C to +210°C.



Rock Drill Hose (IS 446 TYPE 3) Wire Braided WP 500 PSI

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
RDH - 8 (1W)	8	12	1/2"	21.2	3.45	34.5	500	13.8	138	2000	180	0.491
RDH - 10 (1W)	10	16	5/8"	24.0	3.45	34.5	500	13.8	138	2000	200	0.582
RDH - 12 (1W)	12	19	3/4"	27.7	3.45	34.5	500	13.8	138	2000	240	0.674
RDH - 16 (1W)	16	25	1"	35.7	3.45	34.5	500	13.8	138	2000	300	1.084
RDH - 20 (1W)	20	31	1 1/4"	43.0	3.45	34.5	500	13.8	138	2000	420	1.337
RDH - 24 (1W)	24	38	1 1/2"	50.5	3.45	34.5	500	13.8	138	2000	500	1.724
RDH - 32 (1W)	32	51	2"	63.5	3.45	34.5	500	13.8	138	2000	630	2.364

Highlights : Recommended for heavy duty, high pressure use in Industrial, Construction & Pneumatic, mining applications.

# Evershine Product Technical Specifications

## INDUSTRIAL HOSES



Air/Water Hose IS 446 - Type 1 (Synthetic Yarn Braided) (IS 444 - Type 2)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
AW - 4	4	6	1/4"	12.8	1.4	14	200	5.5	55.2	800	65	0.146
AW - 5	5	8	5/16"	14.4	1.4	14	200	5.5	55.2	800	75	0.175
AW - 6	6	10	3/8"	16.1	1.4	14	200	5.5	55.2	800	75	0.210
AW - 8	8	12	1/2"	19.6	1.4	14	200	5.5	55.2	800	100	0.272
AW - 10	10	16	5/8"	23.1	1.4	14	200	5.5	55.2	800	125	0.346
AW - 12	12	19	3/4"	26.6	1.4	14	200	5.5	55.2	800	150	0.431
AW - 16	16	25	1"	33.5	1.4	14	200	5.5	55.2	800	177	0.591
AW - 20	20	31	1 1/4"	43.5	1.2	12	175	4.8	48.3	700	225	1.125
AW - 24	24	38	1 1/2"	50.0	1.2	12	175	4.8	48.3	700	300	1.338
AW - 32	32	51	2"	65.0	1.2	12	175	4.8	48.3	700	400	2.103



Pneumatic Tool Hose IS 446-Type 2 (Synthetic Yarn Braided)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
PT - 4	4	6	1/4"	12.8	1.4	14	200	5.5	55.2	800	65	0.146
PT - 5	5	8	5/16"	14.4	1.4	14	200	5.5	55.2	800	75	0.175
PT - 6	6	10	3/8"	16.1	1.4	14	200	5.5	55.2	800	75	0.210
PT - 8	8	12	1/2"	19.6	1.4	14	200	5.5	55.2	800	100	0.272
PT - 10	10	16	5/8"	23.1	1.4	14	200	5.5	55.2	800	125	0.346
PT - 12	12	19	3/4"	26.6	1.4	14	200	5.5	55.2	800	150	0.431
PT - 16	16	25	1"	33.5	1.4	14	200	5.5	55.2	800	177	0.591
PT - 20	20	31	1 1/4"	42.0	1.4	14	200	5.5	55.2	800	225	0.964
PT - 24	24	38	1 1/2"	49.0	1.4	14	200	5.5	55.2	800	300	1.214
PT - 32	32	51	2"	62.0	1.4	14	200	5.5	55.2	800	400	1.620



Car Wash Hose IS 444 Type 3B (Synthetic Yarn Braided)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
CW - 6	6	10	3/8"	19.0	2.5	25	363	10	100	1450	75	0.335
CW - 8	8	12	1/2"	23.0	2.5	25	363	10	100	1450	100	0.452

Highlights : Recommended for Car Washing & Pressure washer applications in Garages, Service Station & Industries.



Car Wash Hose (SH Series)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
ER-1CW-5	5	8	5/16"	14.5	5.5	55	800	22.1	221	3200	115	0.262
ER-2CW-5	5	8	5/16"	16.0	6.9	69	1000	27.6	276	4000	115	0.385

Highlights : Recommended for Car Washing & Pressure washer applications in Garages, Service Stations & Industries. SHIPL Proprietary.



Super Spray Hose (IS 1677 - Type B)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
ERSH-6	6	10	3/8"	21.0	4	40	580	16	160	2320	100	0.424
ERSH-8	8	12	1/2"	24.6	4	40	580	16	160	2320	125	0.534

Highlights : Recommended for very high pressure spraying of water based pesticides & chemicals in agriculture & forestry.

# Evershine Product Technical Specifications

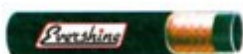
## SPECIAL APPLICATION HOSES



### Governor Hose (Single wire Braided)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
<b>GH-4</b>	4	6	1/4"	12.8	0.7	7	100	41.4	414	6000	100	0.21

Highlights : We are also supplying Governor Hose with End Fitting.



### Fuel Dispensing Hose (IS 2396-1988) Textile Braided

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
<b>2396 - 12</b>	12	19	3/4"	31.1	0.86	8.6	125	3.45	34.5	500	150	0.697
<b>2396 - 16</b>	16	25	1"	37.1	0.86	8.6	125	3.45	34.5	500	200	0.830



### Fuel Dispensing Hose (BS 3395 : Type-3) Wire Braided

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
<b>33953 - 12</b>	12	19	3/4"	32.2	1.0	10	145	4.0	40	580	150	0.856
<b>33953 - 16</b>	16	25	1"	37.9	1.0	10	145	4.0	40	580	200	0.995



### LPG Hose (BS EN 1762 - Type D) Single wire Braided

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
<b>1762D - 8</b>	8	12	1/2"	22.7	2.5	25	363	12.5	125	1813	100	0.520
<b>1762D - 10</b>	10	16	5/8"	25.9	2.5	25	363	12.5	125	1813	127	0.632
<b>1762D - 12</b>	12	19	3/4"	31.0	2.5	25	363	12.5	125	1813	160	0.858
<b>1762D - 16</b>	16	25	1"	38.0	2.5	25	363	12.5	125	1813	200	1.121

Highlights : Suitable for use within the temperature range -40°C to +70°C.



### LPG Hose (IS 9573 : Type 4) Single Wire Braided

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
<b>95734 - 5</b>	5	8	5/16"	15.0	1	10	145	5	50	725	95	0.220
<b>95734 - 6</b>	6	10	3/8"	18.0	1	10	145	5	50	725	120	0.333
<b>95734 - 8</b>	8	12	1/2"	20.2	1	10	145	5	50	725	150	0.368

Highlights : Designed for domestic and commercial LPG installations as a safety item. Temperature range -40°C to +70°C.



### Tractor Trolley Hose (Single Wire & Double Wire Braided)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
<b>TT - 6 (1w)</b>	6	10	3/8"	17.0	17.2	172	2500	55.2	552	8000	130	0.324
<b>TT - 8 (1w)</b>	8	12	1/2"	20.5	13.8	138	2000	41.4	414	6000	180	0.418
<b>TT - 6 (2w)</b>	6	10	3/8"	18.5	20.7	207	3000	69.0	690	10000	130	0.463
<b>TT - 8 (2w)</b>	8	12	1/2"	21.7	17.2	172	2500	55.2	552	8000	180	0.568

# Product Technical Specifications

## SPECIAL APPLICATION HOSES



CNG Hose SAE J30 R6 & AIS 028 (Textile Braided)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
CNG-4	4	6	1/4"	12.7	2.1	21	305	4.8	48	700	65	0.131
CNG-5	5	8	5/16"	14.3	2.1	21	305	4.8	48	700	75	0.155
CNG-6	6	10	3/8"	15.8	2.1	21	305	4.8	48	700	75	0.179
CNG-8	8	12	1/2"	19.8	2.1	21	305	4.8	48	700	100	0.253
CNG-10	10	16	5/8"	23.8	2.1	21	305	4.8	48	700	125	0.349
CNG-12	12	19	3/4"	28.6	2.1	21	305	4.8	48	700	150	0.517
CNG-16	16	25	1"	35.0	2.1	21	305	4.8	48	700	177	0.646



Carbon Free Hose/furnance Coolant Applications (Textile Braided)

Product Code ERPL	Dash	DN	Hose ID Inch	Hose OD (mm)	Max. Working Pressure			Min. Burst Pressure			Min. Bend Radius (mm)	Weight Kg/Mtr
					Mpa	Bar	PSI	Mpa	Bar	PSI		
CF-8	8	12	1/2"	21.5	1.72	17.2	250	6.9	69.0	1000	100	0.358
CF-10	10	16	5/8"	26.0	1.72	17.2	250	6.9	69.0	1000	125	0.507
CF-12	12	19	3/4"	30.5	1.72	17.2	250	6.9	69.0	1000	150	0.686
CF-16	16	25	1"	37.5	1.72	17.2	250	6.9	69.0	1000	177	0.906
CF-20	20	31	1 1/4"	45.2	1.72	17.2	250	6.9	69.0	1000	225	1.261
CF-24	24	38	1 1/2"	53.5	1.72	17.2	250	6.9	69.0	1000	300	1.717
CF-32	32	51	2"	66.0	1.38	13.8	200	5.52	55.2	800	400	2.165