



FILM CAPACITORS, INC.

F-C-I POLYSTYRENE CAPACITORS

F-C-I Polystyrene capacitors are characterized by a unique combination of low power factor, high insulation resistance and low dielectric absorption ("soakage") which cannot be duplicated by any other type of capacitor except Teflon units. Furthermore, the capacitance stability is excellent, and the temperature coefficient of capacitance is very small. Values of electrical characteristics are given in

Table I. F-C-I Polystyrene capacitors are furnished as standard units in hermetically sealed glass tubes with metal end caps; in bathtub cases with low loss glass terminals; and in style CP70 metal cans with low loss glass terminals. Special units, including multi-section blocks are also available to order, and made to your specifications.

CERAMIC CASED POLYSTYRENE CAPACITORS

Part Number	Volts DC	Cap. MFD.	Case Size — Inches L	Case Size — Inches D	List Price
A1-1-10	100	.01	1 3/8	1/2	\$4.60
A1-1-20	100	.02	1 3/8	1/2	4.60
A1-1-50	100	.05	1 3/8	1/2	5.25
A1-1-100	100	.10	1 3/8	1/2	5.35
A1-1-250	100	.25	2 3/8	1 1/2	5.45
A1-1-500	100	.50	2 3/8	1 3/4	6.00
A1-2-10	200	.01	1 3/8	1/2	5.00
A1-2-20	200	.02	1 3/8	1/2	5.00
A1-2-50	200	.05	1 3/8	1/2	5.25
A1-2-100	200	.10	1 3/8	1/2	5.35
A1-2-250	200	.25	2 3/8	1 1/2	5.45
A1-4-5	400	.005	1 3/8	1/2	5.00
A1-4-10	400	.01	1 3/8	1/2	5.15
A1-4-20	400	.02	1 3/8	1/2	5.15
A1-4-50	400	.05	1 3/8	1/2	5.25
A1-4-100	400	.10	2 3/8	1 1/2	5.35
A1-4-250	400	.25	2 3/8	1 3/4	5.45
A1-6-1	600	.001	1 3/8	1/2	5.00
A1-6-2	600	.002	1 3/8	1/2	5.00
A1-6-5	600	.005	1 3/8	1/2	5.00
A1-6-10	600	.01	1 3/8	1/2	5.15
A1-6-20	600	.02	1 3/8	1/2	5.15
A1-6-50	600	.05	2 3/8	1 1/2	5.25
A1-6-100	600	.10	2 3/8	1 3/4	5.35
A1-10-1	1000	.001	1 3/8	1/2	7.10
A1-10-2	1000	.002	1 3/8	1/2	7.50
A1-10-5	1000	.005	1 3/8	1/2	7.90
A1-10-10	1000	.01	1 3/8	1/2	8.35
A1-10-20	1000	.02	2 3/8	1 1/2	8.75
A1-10-50	1000	.05	2 3/8	1 3/4	9.15
A1-10-100	1000	.10	2 3/8	1 3/4	9.60

BATHTUB CASED POLYSTYRENE CAPACITORS

Part Number	Volts DC	Cap. MFD.	Case Size — Inches L	Case Size — Inches W	Case Size — Inches H	List Price
A3-1-50	100	.05	1 3/4	1	3/4	\$4.50
A3-1-100	100	.10	1 3/4	1	3/4	4.50
A3-1-250	100	.25	1 3/4	1	3/4	4.50
A3-1-500	100	.50	2	1 3/4	7/8	4.90
A3-1-1000	100	1.0	2	1 3/4	7/8	6.10
A3-2-50	200	.05	1 3/4	1	3/4	4.30
A3-2-100	200	.10	1 3/4	1	3/4	4.30
A3-2-250	200	.25	2	1 3/4	7/8	4.80
A3-2-500	200	.50	2	1 3/4	7/8	6.10
A3-2-1000	200	1.0	2	2	1 3/4	8.80
A3-4-10	400	.01	1 3/4	1	3/4	4.50
A3-4-20	400	.02	1 3/4	1	3/4	4.50
A3-4-50	400	.05	1 3/4	1	3/4	4.50
A3-4-100	400	.10	1 3/4	1	3/4	4.80
A3-4-250	400	.25	2	1 3/4	7/8	5.45
A3-4-500	400	.50	2	1 3/4	7/8	7.20
A3-4-1000	400	1.0	2	2	1 3/4	14.50
A3-6-10	600	.01	1 3/4	1	3/4	4.50
A3-6-20	600	.02	1 3/4	1	3/4	4.50
A3-6-50	600	.05	1 3/4	1	3/4	4.80
A3-6-100	600	.10	1 3/4	1	3/4	5.35
A3-6-250	600	.25	2	1 3/4	7/8	5.45
A3-6-500	600	.50	2	2	1 3/4	7.20
A3-10-10	1000	.01	1 3/4	1	3/4	8.35
A3-10-20	1000	.02	1 3/4	1	3/4	8.75
A3-10-50	1000	.05	1 3/4	1	3/4	9.15
A3-10-100	1000	.10	2	1 3/4	7/8	9.60
A3-10-250	1000	.25	2	2	1 3/4	11.25

STYLE CP70 CASED POLYSTYRENE CAPACITORS

Part Number	Volts DC	Cap. MFD.	Case Size — Inches L	Case Size — Inches W	Case Size — Inches H	List Price
A2-1-500	100	0.5	1 3/4	1	2 1/4	\$6.00
A2-1-1000	100	1.0	1 3/4	1	2 1/4	7.90
A2-1-2000	100	2.0	2 1/4	1 1/4	3 1/2	9.60
A2-1-4000	100	4.0	3 3/4	1 1/4	3 1/2	14.30
A2-1-6000	100	6.0	3 3/4	2 1/4	3 1/2	19.00
A2-1-8000	100	8.0	3 3/4	3 3/8	3 1/2	24.00
A2-1-10000	100	10.0	4 1/8	3 3/8	3 1/2	28.20
A2-2-250	200	0.25	1 3/4	1	2 1/4	5.40
A2-2-500	200	0.5	1 3/4	1	2 1/4	6.10
A2-2-1000	200	1.0	2 1/4	1 1/4	3 1/2	9.40
A2-2-2000	200	2.0	3 3/4	1 1/4	3 1/2	13.00
A2-2-4000	200	4.0	3 3/4	2 1/4	3 1/2	17.90
A2-2-6000	200	6.0	3 3/4	3 3/8	3 1/2	23.80
A2-2-8000	200	8.0	3 3/4	3 3/8	5 1/8	28.00
A2-2-10000	200	10.0	4 1/8	3 3/8	5 1/8	32.60
A2-4-250	400	0.25	1 3/4	1	2 1/4	5.45
A2-4-500	400	0.5	1 3/4	1	2 1/4	9.50
A2-4-1000	400	1.0	2 1/4	1 1/4	3 1/2	13.50
A2-4-2000	400	2.0	3 3/4	1 1/4	3 1/2	21.70
A2-4-4000	400	4.0	3 3/4	2 1/4	3 1/2	34.10
A2-4-6000	400	6.0	3 3/4	3 3/8	3 1/2	47.50
A2-4-8000	400	8.0	3 3/4	3 3/8	5 1/8	58.50
A2-4-10000	400	10.0	4 1/8	3 3/8	5 1/8	72.00
A2-6-250	600	0.25	1 3/4	1	2 1/4	5.45
A2-6-500	600	0.5	1 3/4	1	2 1/4	7.20
A2-6-1000	600	1.0	2 1/4	1 1/4	3 1/2	14.50
A2-6-2000	600	2.0	3 3/4	2 1/4	3 1/2	22.10
A2-6-4000	600	4.0	3 3/4	3 3/8	3 1/2	34.60
A2-6-5000	600	5.0	4 1/8	3 3/8	3 1/2	41.65
A2-10-100	1000	0.1	1 3/4	1	2 1/4	9.60
A2-10-250	1000	0.25	1 3/4	1	2 1/4	11.25
A2-10-500	1000	0.5	2 1/4	1 1/4	3 1/2	15.00
A2-10-1000	1000	1.0	3 3/4	1 1/4	3 1/2	21.70
A2-10-2000	1000	2.0	3 3/4	2 1/4	3 1/2	34.10
A2-10-4000	1000	4.0	3 3/4	3 3/8	3 1/2	57.50
A2-10-5000	1000	5.0	4 1/8	3 3/8	3 1/2	70.00

F-C-I TEFLON CAPACITORS

F-C-I Teflon capacitors are essentially identical to polystyrene capacitors in their electrical characteristics, with one important difference—Teflon capacitors may be operated at temperatures up to 200° C.

whereas polystyrene capacitors have a maximum operating temperature of 85° C. Furthermore, the insulation resistance of Teflon capacitors is many times that of polystyrene at elevated temperatures.

Table I
ELECTRICAL CHARACTERISTICS OF F-C-I PLASTIC DIELECTRIC CAPACITORS

	POLYSTYRENE	TEFLON
OPERATING TEMP. RANGE	-55° C to +85° C	-55° C to 200° C
Voltage Range, D.C.	100 to 30,000	100 to 30,000
Capacitance Range	.001 to 20 MF	.001 to 20 MF
Power Factor	.02% @ 1 KC	.02% @ 1 KC
Dielectric Absorption	.01%	.01%
Voltage Derating at 85° C	none	none
Voltage Derating at 125° C	not operable	none
Voltage Derating at 150° C	not operable	none
Voltage Derating at 200° C	not operable	33%
Temperature Coefficient	-100 PPM/° C	-50 PPM/° C
I.R. at Room Temperature	10 ⁷ megohms/MF	10 ⁷ megohms/MF
Capacitance Stability	0.1%	0.1%

BATHTUB CASED TEFLON CAPACITORS

Part Number	Volts DC	Capacity MFD.	Case Size — Inches L	Case Size — Inches W	Case Size — Inches H	List Price
C3-3-5	300	.005	1 3/4	1	3/4	\$ 4.45
C3-3-10	300	.01	1 3/4	1	3/4	4.45
C3-3-20	300	.02	1 3/4	1	3/4	4.45
C3-3-50	300	.05	1 3/4	1	3/4	5.15
C3-3-100	300	.10	2	1 3/4	7/8	6.15
C3-6-1	600	.001	1 3/4	1	3/4	5.15
C3-6-2	600	.002	1 3/4	1	3/4	5.15
C3-6-5	600	.005	1 3/4	1	3/4	5.15
C3-6-10	600	.01	1 3/4	1	3/4	6.70
C3-6-20	600	.02	1 3/4	1	3/4	7.20
C3-6-50	600	.05	2	1 3/4	7/8	8.20
C3-6-100	600	.10	2	2	1 3/4	10.30

CERAMIC CASED TEFLON CAPACITORS

Part Number	Volts DC	Capacity MFD.	Case Size — Inches L	Case Size — Inches D	List Price
C1-3-5	300	.005	1 3/8	1/2	\$ 4.45
C1-3-10	300	.01	1 3/8	1/2	4.45
C1-3-20	300	.02	1 3/8	1/2	4.45
C1-3-50	300	.05	1 3/8	1/2	5.15
C1-3-100	300	.10	2 3/8	1 1/2	6.15
C1-6-1	600	.001	1 3/8	1/2	5.15
C1-6-2	600	.002	1 3/8	1/2	5.15
C1-6-5	600	.005	1 3/8	1/2	5.15
C1-6-10	600	.01	1 3/8	1/2	6.70
C1-6-20	600	.02	1 3/8	1/2	7.20
C1-6-50	600	.05	2 3/8	1 1/2	8.20
C1-6-100	600	.10	2 3/8	1 3/4	10.30

STYLE CP70 CASED TEFLON CAPACITORS

Part Number	Volts DC	Capacity MFD.	Case Size — Inches L	Case Size — Inches W	Case Size — Inches H	List Price
C2-3-250	300	0.25	1 3/4	1	2 1/4	\$ 11.50
C2-3-500	300	0.50	1 3/4	1	2 1/4	22.00
C2-3-1000	300	1.0	2 1/4	1 1/4	3 1/2	44.00
C2-3-2000	300	2.0	3 3/4	1 1/4	3 1/2	82.30
C2-6-250	600	0.25	1 3/4	1	2 1/4	22.00
C2-6-500	600	0.50	2 1/4	1 1/4	3 1/2	44.00
C2-6-1000	600	1.0	3 3/4	2 1/4	3 1/2	83.30
C2-6-2000	600	2.0	4 1/8	3 3/4	3 1/2	155.00

FILM CAPACITORS, INC.

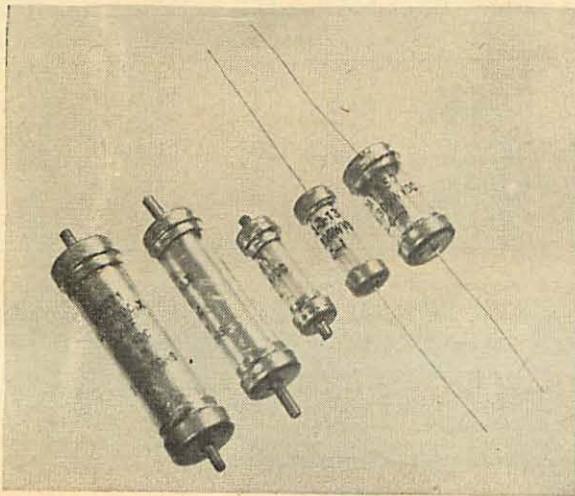
F-C-I HIGH VOLTAGE CAPACITORS

F-C-I Type D capacitors employ a newly developed plastic film dielectric which, with suitable processing, produces capacitors which are better, smaller and cheaper than could ever be produced before. The table below shows the electrical properties of these capacitors. In view of these excellent characteristics, it is evident that F-C-I Type D capacitors are suitable for practically every type of high

voltage D.C. application. With these capacitors available, it is no longer necessary to stock groups of units each outstanding in only one property. F-C-I Type D capacitors are furnished in glass tubes with hermetically sealed metal end caps and either threaded studs or wire leads. Sizes not listed here can be furnished upon request. Ask for our quotation.

NOW FURNISHED IN STEATITE CASES—NO BREAKAGE...NO LEAKAGE

Cat. No.	Capacity MFD.	Working Volts DC	Dimensions		List Price	Cat. No.	Capacity MFD.	Working Volts DC	Dimensions		List Price
			Dia.	L					Dia.	L	
D6-6-10	.01	600	1/2	1 3/8	\$ 2.80	D6-100-1	.001	10 KV	5/8	1 11/16	\$ 7.20
D6-6-20	.02	600	1/2	1 3/8	2.80	D6-100-2	.002	10 KV	5/8	1 11/16	7.40
D6-6-50	.05	600	1/2	1 3/8	2.90	D6-100-5	.005	10 KV	5/8	2 9/16	8.50
D6-6-100	.10	600	1 1/4	1 3/8	3.00	D6-100-10	.01	10 KV	7/8	2 9/16	9.20
D6-6-250	.25	600	1 1/4	2 3/8	3.20	D6-100-20	.02	10 KV	1	2 9/16	11.40
D6-6-500	.50	600	1	2 3/8	3.60	D6-100-50	.05	10 KV	1 1/2	2 9/16	14.60
D6-6-1000	1.00	600	1 1/4	2 3/8	3.90						
D6-10-10	.01	1000	1/2	1 3/8	2.90	D6-150-1	.001	15 KV	5/8	2 3/8	13.80
D6-10-20	.02	1000	1/2	1 3/8	2.90	D6-150-2	.002	15 KV	7/8	2 3/8	14.60
D6-10-50	.05	1000	1 1/4	1 3/8	2.90	D6-150-5	.005	15 KV	7/8	2 9/16	17.00
D6-10-100	.10	1000	1 1/4	2 3/8	3.10	D6-150-10	.01	15 KV	1 1/4	2 9/16	20.00
D6-10-250	.25	1000	7/8	2 3/8	3.10	D6-150-20	.02	15 KV	1 1/4	4 3/4	22.00
D6-10-500	.50	1000	1	2 3/8	3.30	D6-150-50	.05	15 KV	1 1/2	4 3/4	26.00
D6-20-2	.002	2000	1/2	1 3/8	2.90	D6-200-05	.0005	20 KV	5/8	2 3/8	18.00
D6-20-5	.005	2000	1/2	1 3/8	2.90	D6-200-1	.001	20 KV	3/4	2 3/8	19.00
D6-20-10	.01	2000	1/2	1 3/8	2.90	D6-200-2	.002	20 KV	3/4	2 9/16	21.00
D6-20-20	.02	2000	1/2	1 3/8	2.90	D6-200-5	.005	20 KV	1	2 9/16	22.50
D6-20-50	.05	2000	1 1/4	1 3/8	2.90	D6-200-10	.01	20 KV	1 1/2	2 9/16	24.00
D6-20-100	.10	2000	1 1/4	2 3/8	3.10	D6-200-20	.02	20 KV	1 1/2	4 3/4	27.00
D6-20-250	.25	2000	1	2 3/8	3.50						
D6-20-500	.50	2000	1 1/4	2 3/8	4.10	D6-300-02	.0002	30 KV	5/8	3	20.00
D6-30-2	.002	3000	1/2	1 3/8	4.10	D6-300-05	.0005	30 KV	5/8	3	21.00
D6-30-5	.005	3000	1/2	1 3/8	4.10	D6-300-1	.001	30 KV	7/8	3	23.50
D6-30-10	.01	3000	1/2	1 3/8	4.30	D6-300-2	.002	30 KV	3/4	4 3/4	26.00
D6-30-20	.02	3000	1 1/4	1 3/8	5.00	D6-300-5	.005	30 KV	1 1/4	4 3/4	28.00
D6-30-50	.05	3000	1 1/4	2 3/8	5.50	D6-300-10	.01	30 KV	1 1/4	6 7/8	35.00
D6-30-100	.10	3000	7/8	2 3/8	6.00						
D6-30-250	.25	3000	1 1/4	2 3/8	6.60	D6-400-01	.0001	40 KV	5/8	3	20.50
D6-50-5	.005	5 KV	5/8	1 11/16	6.50	D6-400-02	.0002	40 KV	5/8	3	21.50
D6-50-10	.01	5 KV	3/4	1 11/16	6.80	D6-400-05	.0005	40 KV	3/4	3	22.50
D6-50-20	.02	5 KV	3/4	2 9/16	7.20	D6-400-1	.001	40 KV	3/4	4 3/4	26.00
D6-50-50	.05	5 KV	7/8	2 9/16	7.60	D6-400-2	.002	40 KV	1	4 3/4	28.00
D6-50-100	.10	5 KV	1 1/4	2 9/16	8.50	D6-400-5	.005	40 KV	1 1/2	4 3/4	33.00
D6-75-1	.001	7 1/2 KV	5/8	1 11/16	6.50	D6-500-01	.0001	50 KV	5/8	4 1/4	22.50
D6-75-2	.002	7 1/2 KV	5/8	1 11/16	6.80	D6-500-02	.0002	50 KV	5/8	4 1/4	23.50
D6-75-5	.005	7 1/2 KV	3/4	1 11/16	7.00	D6-500-05	.0005	50 KV	3/4	4 1/4	24.50
D6-75-10	.01	7 1/2 KV	3/4	2 9/16	7.50	D6-500-1	.001	50 KV	3/4	6 7/8	28.00
D6-75-20	.02	7 1/2 KV	7/8	2 9/16	8.60	D6-500-2	.002	50 KV	7/8	6 7/8	31.50
D6-75-50	.05	7 1/2 KV	1 1/4	2 9/16	11.10	D6-500-5	.005	50 KV	1 1/4	6 7/8	36.00
D6-75-100	.10	7 1/2 KV	1 1/2	2 9/16	12.50	D6-600-01	.0001	60 KV	5/8	4 1/4	23.50
						D6-600-02	.0002	60 KV	5/8	4 1/4	24.50
						D6-600-05	.0005	60 KV	7/8	4 1/4	28.00
						D6-600-1	.001	60 KV	7/8	6 7/8	34.00
						D6-600-2	.002	60 KV	1 1/4	6 7/8	36.50
						D6-600-5	.005	60 KV	1 1/4	13	41.50



ELECTRICAL PROPERTIES OF F-C-I TYPE D CAPACITORS

Operating Range	-55° C to +125° C
Voltage Range, D.C.	600 Volts to 60KV; higher on order
Capacitance Range	.0001 MF to 0.1 MF
Power Factor	0.5% at 1 KC
I.R. at Room Temperature	10 ⁶ Megohm-Microfarads
Dielectric Absorption	0.1%
Temperature Coefficient	+500 PPM/° C
Capacitance Stability	0.5%
Voltage Derating at 65° C	None
Voltage Derating at 85° C	30%
Voltage Derating at 105° C	50%
Voltage Derating at 125° C	66%

FILM CAPACITORS, INC.

MINIATURE POLYSTYRENE AND MYLAR® CAPACITORS HERMETICALLY SEALED—CLOSE TOLERANCE

F-C-I miniature polystyrene and "Mylar" capacitors are furnished in metal shells hermetically sealed with metal-glass compression type seals. The capacitor elements are non-inductively wound, and wire leads are carefully soldered to the swaged, extended foils to minimize self-

inductance, power factor and noise. Characteristics of the polystyrene capacitors are given on pg. P-1156. The Mylar dielectric capacitors are characterized by high insulation resistance (10^8 megohm-microfarads at 20° C); 0.5% power factor; and a temperature coefficient of +500 PPM/° C.

POLYSTYRENE

PART No.	CAP. MFD.	SIZE		LIST PRICE
		L	D	
100 VWDC				
A4-1-10	.01	1	.235	\$4.00
A4-1-15	.015	1	.235	4.00
A4-1-22	.022	1	.312	4.00
A4-1-33	.033	1	.312	4.10
A4-1-47	.047	1	.400	4.15
A4-1-68	.068	1	.400	4.20
A4-1-100	.10	1 3/8	.400	4.40
A4-1-220	.22	1 3/8	.562	4.80
A4-1-330	.33	1 3/8	.670	5.25
A4-1-470	.47	1 3/8	.670	5.60
200 VWDC				
A4-2-10	.01	1	.312	4.00
A4-2-15	.015	1	.312	4.00
A4-2-22	.022	1	.400	4.10
A4-2-33	.033	1	.400	4.10
A4-2-47	.047	1 3/8	.400	4.15
A4-2-68	.068	1 3/8	.400	4.15
A4-2-100	.10	1 3/8	.562	4.50
A4-2-220	.22	1 3/8	.562	5.20
A4-2-330	.33	1 3/8	.750	5.80
A4-2-470	.47	1 3/8	1.00	6.10
400 VWDC				
A4-4-10	.01	1	.312	4.00
A4-4-15	.015	1	.400	4.00
A4-4-22	.022	1	.400	4.10
A4-4-33	.033	1 3/8	.400	4.25
A4-4-47	.047	1 3/8	.400	4.35
A4-4-68	.068	1 3/8	.562	4.50
A4-4-100	.10	1 3/8	.562	4.90
A4-4-220	.22	1 3/8	.750	5.45
A4-4-330	.33	1 3/8	.750	6.30
A4-4-470	.47	1 3/8	1.00	7.20
600 VWDC				
A4-6-10	.01	1	.400	4.00
A4-6-15	.015	1 3/8	.400	4.00
A4-6-22	.022	1 3/8	.562	4.25
A4-6-33	.033	1 3/8	.562	4.25
A4-6-47	.047	1 3/8	.670	4.50
A4-6-68	.068	1 3/8	.562	4.80
A4-6-100	.10	1 3/8	.670	5.10
A4-6-220	.22	1 3/8	.750	5.45
A4-6-330	.33	2 3/8	1.00	6.30
A4-6-470	.47	2 3/8	1.00	7.20

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PART No.	CAP. MFD.	SIZE		LIST PRICE
		L	D	
100 VWDC				
HD4-1-10	.01	1	.235	\$2.25
HD4-1-15	.015	1	.235	2.25
HD4-1-22	.022	1	.235	2.25
HD4-1-33	.033	1	.312	2.25
HD4-1-47	.047	1	.312	2.25
HD4-1-68	.068	1	.400	2.35
HD4-1-100	.10	1	.400	2.40
HD4-1-220	.22	1 3/8	.400	2.60
HD4-1-330	.33	1 3/8	.562	2.65
HD4-1-470	.47	1 3/8	.562	2.75
HD4-1-1000	1.0	1 3/8	.670	3.40
200 VWDC				
HD4-2-10	.01	1	.235	2.25
HD4-2-15	.015	1	.235	2.25
HD4-2-22	.022	1	.312	2.25
HD4-2-33	.033	1	.312	2.25
HD4-2-47	.047	1	.400	2.35
HD4-2-68	.068	1	.400	2.40
HD4-2-100	.10	1 3/8	.400	2.55
HD4-2-220	.22	1 3/8	.562	2.65
HD4-2-330	.33	1 3/8	.670	2.70
HD4-2-470	.47	1 3/8	.670	4.10
HD4-2-1000	1.0	1 3/8	1.00	4.70
400 VWDC				
HD4-4-10	.01	1	.312	2.90
HD4-4-15	.015	1	.312	2.90
HD4-4-22	.022	1	.400	3.00
HD4-4-33	.033	1	.400	3.05
HD4-4-47	.047	1 3/8	.400	3.05
HD4-4-68	.068	1 3/8	.400	3.40
HD4-4-100	.10	1 3/8	.562	3.45
HD4-4-220	.22	1 3/8	.670	4.00
HD4-4-330	.33	1 3/8	.750	4.15
HD4-4-470	.47	1 3/8	1.00	4.50
HD4-4-1000	1.0	2 3/8	1.00	5.70
600 VWDC				
HD4-6-10	.01	1	.400	3.65
HD4-6-15	.015	1	.400	3.70
HD4-6-22	.022	1 3/8	.400	3.75
HD4-6-33	.033	1 3/8	.400	3.80
HD4-6-47	.047	1 3/8	.562	3.85
HD4-6-68	.068	1 3/8	.562	3.90
HD4-6-100	.10	1 3/8	.670	4.00
HD4-6-220	.22	1 3/8	1.00	5.00
HD4-6-330	.33	1 3/8	1.00	6.00
HD4-6-470	.47	2 3/8	1.00	7.00

Prices listed above are for $\pm 5\%$ tolerance. For $\pm 2\%$ tolerance, add 20% and for $\pm 1\%$ tolerance, add 50% to these prices. These capacitors are also available in ceramic shells with epoxy resin end fill. Write for prices.

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The capacitors listed above are suitable for continuous operation at 125° C without derating. For 85° C operation, 100 volt series HD capacitors may be operated at 200 volts; 200 volt capacitors at 400 volts; 400 volt capacitors at 600 volts; and 600 volt capacitors at 1000 volts. To correctly designate 85° C capacitors, omit the letter "H" in the part number, and correct the single number standing for the voltage rating.

Prices listed above are for $\pm 5\%$ tolerance. For $\pm 2\%$ tolerance, add 20% and for $\pm 1\%$ tolerance, add 50% to these prices. These capacitors are also available in ceramic shells with epoxy resin end fill. Write for prices.

We are set up to produce these capacitors in any quantity to any odd value of capacitance at close tolerance for manufacturers of filter networks, R-C networks and the like. Write for information.

FILM CAPACITORS, INC.

HIGH CAPACITANCE MYLAR® CAPACITORS HERMETICALLY SEALED—HIGH INSULATION RESISTANCE

F-C-I Series D-2 capacitors are Mylar dielectric capacitors which possess extremely high insulation resistance, together with good power factor and dielectric absorption. The insulation resistance runs well over 10⁹ megohm-microfarads at room temperature, even for the highest values of capacitance. The power factor and the dielectric

absorption are both on the order of 0.5%. These properties make Series D-2 capacitors extremely useful in computers of moderate precision, in timing-circuits, and similar types of circuitry. Standard tolerance is ±10%, and closer tolerances are available on order. (Case sizes indicated below are in inches.) (D3 indicates bathtub case.)

CAP. MFD.	100 VWDC			200 VWDC			300 VWDC			400 VWDC			600 VWDC							
	CASE SIZE L	W	H	LIST PRICE	CASE SIZE L	W	H	LIST PRICE	CASE SIZE L	W	H	LIST PRICE	CASE SIZE L	W	H	LIST PRICE				
0.5 CAT #	1 3/4	1	3/4	\$ 3.00	1 3/4	1	3/4	\$ 3.00	1 3/4	1	1	\$ 3.20	1 3/4	1	1	\$ 3.38	1 3/4	1	1	\$ 3.38
1.0 CAT #	1 3/4	1	3/4	3.12	1 3/4	1	1	3.12	1 3/4	1	1 5/8	4.95	1 3/4	1	2 1/4	5.37	1 3/4	1	2 3/4	5.50
2.0 CAT #	1 3/4	1	1	4.00	1 3/4	1	1 5/8	5.12	1 3/4	1	2 1/4	6.35	1 3/4	1	3 1/4	6.60	2 1/2	1 1/4	3 1/2	7.60
5.0 CAT #	1 3/4	1	2 3/4	6.35	1 3/4	1	3 1/4	7.00	2 1/2	1 1/4	3 1/2	9.50	3 3/4	1 1/4	2 1/2	11.25	3 3/4	1 1/4	5	11.25
10.0 CAT #	2 1/2	1 1/4	3 1/2	11.00	2 1/2	1 1/4	3 1/2	11.60	3 3/4	1 3/4	3 1/4	17.75	3 3/4	1 3/4	4	19.75	3 3/4	1 3/4	5	24.70
20.0 CAT #	3 3/4	1 3/4	2 1/2	18.80	3 3/4	1 3/4	3 1/4	20.30	4 1/2	3 3/4	3	29.40	4 1/2	3 3/4	4	32.50	4 1/2	3 3/4	4 1/2	42.50
25.0 CAT #	3 3/4	1 3/4	3 1/4	22.20	3 3/4	1 3/4	4	23.70	4 1/2	3 3/4	3 1/2	36.10	4 1/2	3 3/4	4	39.00	4 1/2	3 3/4	5	51.50

METALLIZED PAPER CAPACITORS

Available in voltages from 150 VWDC to 600 VWDC and capacitance values from .01 to 50 MF at 85° C and 125° C. Units can be furnished in case types and sizes which are standard in the industry.

METALLIZED MYLAR CAPACITORS

Available in voltages from 100 VWDC to 600 VWDC and capacitance values from .01 to 50 MF at 85° C and 125° C. Units can be furnished in all types of cases.

HIGH VOLTAGE PACKAGED POWER SUPPLIES

Completely enclosed and hermetically sealed power supplies operating on 115 volt, 60 or 400 cycle, AC input. Output ranges from 2,000 vdc to 50,000 vdc. Standard sizes as follows:

PART No.	OUTPUT VOLTAGE	RATED CURRENT OUTPUT	MAX. CURRENT OUTPUT
PS-25	2 KVDC	5 MA	7.5 MA
PS-55	5 KVDC	5 MA	7.5 MA
PS-12T	12KVDC	1 MA	1.75 MA
PS-15T	15 KVDC	1 MA	1.75 MA
PS-30T	30 KVDC	1 MA	1.75 MA
PS-50T	50 KVDC	2 MA	4 MA

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