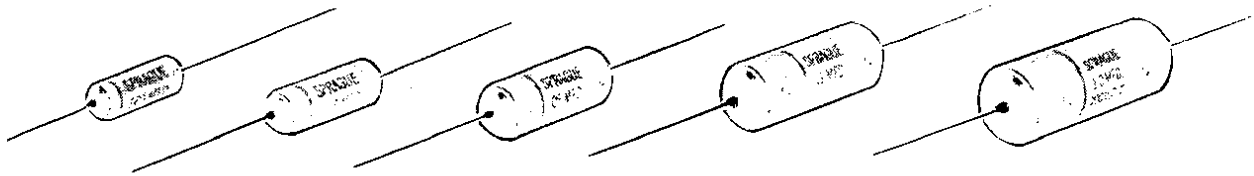


# Sprague Black Beauty Paper Capacitors from Radio Electronic Master date 1956

www.33audio.com

NOTE: These early Black Beauty Capacitors are not paper/mylar Difilm

## TELECAP® BLACK BEAUTY® MOLDED TUBULARS



- Premium Quality at No Extra Cost
- Made Under Exclusive "Dry" Process, just like Costly Metal-Encased Oil Units
- Molded in Tough Bakelite Phenolic
- Non-Flammable Case
- Only Telecaps are Oil-impregnated in Ratings from 600 to 12,500 WVDC
- Extremely High Insulation Resistance
- Withstand Severe Heat, Moisture, Shock
- Designed for 85°C (185° F) Operation

MF	D. x L.	Cat. No.	List	MF	D. x L.	Cat. No.	List	MF	D. x L.	Cat. No.	List
<b>200 WVDC</b>											
.02	3/8 x 1/4	2TM-S2	\$.25	.0022	5/16 x 1	6TM-D22	\$.25	.022	1/2 x 1 1/2	10TM-S22	\$.50
.022	3/8 x 1/4	2TM-S22	.25	.0025	5/16 x 1	6TM-D25	.25	.03	1/2 x 1 1/2	10TM-S3	.50
.047	3/8 x 1/4	2TM-S47	.25	.003	5/16 x 1	6TM-D3	.25	.035	1/2 x 1 1/2	10TM-S35	.50
.05	3/8 x 1/4	2TM-S5	.25	.0033	5/16 x 1	6TM-D33	.25	.047	5/8 x 1 1/8	10TM-S47	.60
.1	7/16 x 1/4	2TM-P1	.35	.004	5/16 x 1	6TM-D4	.25	.05	5/8 x 1 1/8	10TM-S5	.60
.15	1/2 x 1 1/2	2TM-P15	.35	.0047	5/16 x 1	6TM-D47	.25	.068	5/8 x 1 1/8	10TM-S68	.65
.22	5/8 x 1 1/8	2TM-P22	.40	.005	3/8 x 1 1/4	6TM-D5	.25	.1	3/4 x 2 1/4	10TM-P1	.75
.25	5/8 x 1 1/8	2TM-P25	.40	.006	3/8 x 1 1/4	6TM-D6	.25	<b>★ 1600 WVDC</b>			
.47	5/8 x 1 1/8	2TM-P47	.60	.0068	3/8 x 1 1/4	6TM-D68	.30	.0005	3/8 x 1 1/4	MB-T5	.65
.5	5/8 x 1 1/8	2TM-P5	.60	.008	3/8 x 1 1/4	6TM-D8	.30	.001	3/8 x 1 1/4	MB-D1	.65
1.0	3/4 x 2 1/4	2TM-M1	.90	.01	3/8 x 1 1/4	6TM-S1	.30	.0015	3/8 x 1 1/4	MB-D15	.65
<b>400 WVDC</b>				.015	3/8 x 1 1/4	6TM-S15	.30	.002	3/8 x 1 1/4	MB-D2	.65
.01	5/16 x 1	4TM-S1	.25	.02	7/16 x 1/4	6TM-S2	.30	.0022	3/8 x 1 1/4	MB-D22	.65
.015	3/8 x 1 1/4	4TM-S15	.25	.022	7/16 x 1/4	6TM-S22	.30	.003	7/16 x 1/4	MB-D3	.65
.02	3/8 x 1 1/4	4TM-S2	.25	.03	7/16 x 1/4	6TM-S3	.35	.0033	7/16 x 1/4	MB-D33	.65
.022	3/8 x 1 1/4	4TM-S22	.25	.033	1/2 x 1 1/2	6TM-S33	.35	.004	7/16 x 1/4	MB-D4	.65
.025	3/8 x 1 1/4	4TM-S25	.30	.035	1/2 x 1 1/2	6TM-S35	.35	.0047	7/16 x 1/4	MB-D47	.65
.03	3/8 x 1 1/4	4TM-S3	.30	.04	1/2 x 1 1/2	6TM-S4	.35	.005	7/16 x 1/4	MB-D5	.65
.04	7/16 x 1 1/4	4TM-S4	.30	.047	1/2 x 1 1/2	6TM-S47	.40	.006	1/2 x 1 1/2	MB-D6	.65
.047	7/16 x 1 1/4	4TM-S47	.30	.05	1/2 x 1 1/2	6TM-S5	.40	.0068	1/2 x 1 1/2	MB-D68	.65
.05	7/16 x 1 1/4	4TM-S5	.30	.06	5/8 x 1 1/8	6TM-S6	.40	.007	1/2 x 1 1/2	MB-D7	.65
.068	1/2 x 1 1/2	4TM-S68	.35	.068	5/8 x 1 1/8	6TM-S68	.45	.0075	7/16 x 1 1/4	MB-D75	.65
.1	1/2 x 1 1/2	4TM-P1	.35	.1	5/8 x 1 1/8	6TM-P1	.45	.008	1/2 x 1 1/2	MB-D8	.65
.15	5/8 x 1 1/8	4TM-P15	.35	.15	3/4 x 2 1/4	6TM-P15	.50	.01	1/2 x 1 1/2	MB-S1	.70
.2	5/8 x 1 1/8	4TM-P2	.40	.2	3/4 x 2 1/4	6TM-P2	.55	.015	5/8 x 1 1/8	MB-S15	.70
.22	5/8 x 1 1/8	4TM-P22	.40	.22	3/4 x 2 1/4	6TM-P22	.55	.02	5/8 x 1 1/8	MB-S2	.70
.25	5/8 x 1 1/8	4TM-P25	.40	.25	3/4 x 2 1/4	6TM-P25	.55	.022	5/8 x 1 1/8	MB-S22	.70
.47	3/4 x 2 1/4	4TM-P47	.60	.5	1 x 2 3/8	6TM-P5	.80	.03	5/8 x 1 1/8	MB-S3	.70
.5	3/4 x 2 1/4	4TM-P5	.60	1.0	1 x 2 3/8	*TC-10	1.25	.04	3/4 x 2 1/4	MB-S4	.70
<b>600 WVDC</b>				<b>1000 WVDC</b>							
.0001	5/16 x 1	6TM-T1	.25	.0005	5/16 x 1	10TM-T5	.50	.05	3/4 x 2 1/4	*TR-15	.70
.00025	5/16 x 1	6TM-T25	.25	.001	5/16 x 1	10TM-D1	.50	2 x .015	3/4 x 2	*TR-215	.80
.0004	5/16 x 1	6TM-T4	.25	.0015	5/16 x 1	10TM-D15	.50	<b>6000 WVDC</b>			
.0005	5/16 x 1	6TM-T5	.25	.002	5/16 x 1	10TM-D2	.50	.0005	1/2 x 1 1/2	TVM-356	1.35
.001	5/16 x 1	6TM-D1	.25	.0022	5/16 x 1	10TM-D22	.50	.001	1/2 x 1 1/2	TVM-216	1.35
.0015	5/16 x 1	6TM-D15	.25	.003	3/8 x 1 1/4	10TM-D3	.50	.005	5/8 x 1 1/8	TVM-256	1.35
.002	5/16 x 1	6TM-D2	.25	.004	3/8 x 1 1/4	10TM-D4	.50	<b>10,000 WVDC</b>			
				.0047	3/8 x 1 1/4	10TM-D47	.50	.0005	5/8 x 1 1/8	TVM-351	1.50
				.005	3/8 x 1 1/4	10TM-D5	.50	<b>12,500 WVDC</b>			
				.0068	3/8 x 1 1/4	10TM-D68	.50	.00025	5/8 x 1 1/8	12TVM-325	1.70
				.01	3/8 x 1 1/4	10TM-S1	.50				
				.015	5/16 x 1 1/4	10TM-S15	.50				
				.02	1/2 x 1 1/2	10TM-S2	.50				

\*Supplied in waxed cardboard units pending completion of molds.

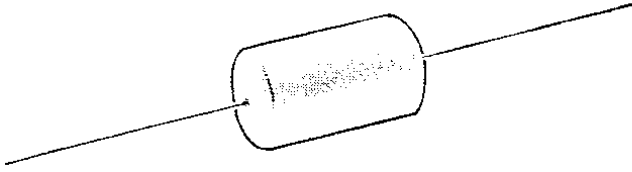
★ DESIGNED FOR BUFFER APPLICATIONS

## Sprague Capacitors date 1956

NOTE: The paper capacitor was so common in this era that unless stated otherwise a capacitor is most probably paper dielectric.

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### 68P MIDGET® TUBULARS



- Amazingly Small In Size Without Any Sacrifice In Performance — The Smallest Reliable Paper Tubular
- Will Fit Tight Spots In Pocket Radios, Auto Radios And Other Small Electronic Assemblies That Require High Temperature Operation, Good Humidity Performance, And Minimum Size At Moderate Cost
- Designed For 85°C (185°F) Operation

MF	Dia. x Length	Cat. No.	List
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#### 100 WVDC

.25	1/32 x 1 1/8	68P19	\$.70
.5	3/8 x 1 1/8	68P20	.80

#### 200 WVDC

.005	1/4 x 1 1/16	68P11	.35
.006	1/4 x 1 1/16	68P12	.35
.01	3/32 x 1 1/16	68P14	.40
.02	3/32 x 1 1/16	68P15	.45
.05	3/16 x 1	68P16	.50
.1	1/32 x 1	68P17	.60
.2	1/32 x 1 1/8	68P18	.65
.25	1/32 x 1 1/8	68P24	.70
.5	3/8 x 1 3/8	68P25	.80

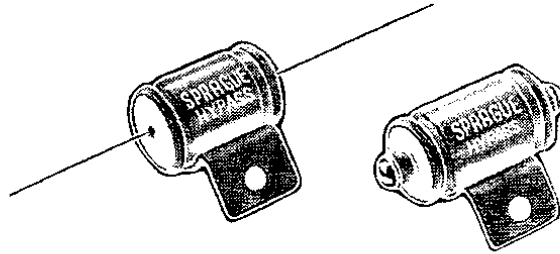
#### 400 WVDC

.001	1/4 x 1 1/16	68P1	.35
.003	1/4 x 1 1/16	68P3	.35
.004	1/4 x 1 1/16	68P4	.35
.005	1/4 x 1 3/16	68P5	.35
.006	1/4 x 1 3/16	68P6	.35
.01	5/16 x 1 3/16	68P8	.40
.02	5/16 x 1	68P9	.45
.05	1/32 x 1	68P10	.50
.1	1/32 x 1 1/8	68P21	.65
.2	3/8 x 1 1/8	68P38	.70
.25	3/8 x 1 3/8	68P22	.75
.5	3/8 x 2 3/16	68P23	.85

#### 600 WVDC

.001	1/4 x 1 1/16	68P26	.35
.002	1/4 x 1 1/16	68P27	.35
.003	3/32 x 1 1/16	68P28	.35
.004	3/32 x 1 3/16	68P29	.35
.005	3/32 x 1 3/16	68P30	.40
.006	3/16 x 1 3/16	68P31	.40
.008	5/16 x 1	68P32	.40
.01	5/16 x 1	68P33	.45
.02	1/32 x 1	68P34	.50
.05	1/32 x 1 1/8	68P35	.55
.1	3/8 x 1 1/8	68P36	.70
.2	3/8 x 1 1 1/16	68P40	.80
.25	3/8 x 2	68P37	.80

### HYPASS® CAPACITORS



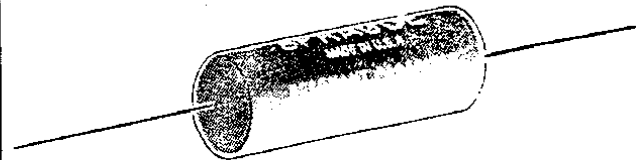
- Exclusive Sprague 3-terminal Network Feed-thru Capacitors
- Bypass V-H-F Currents Where Ordinary Capacitors are ineffective
- Suppress TVI from Short-wave Transmitters, Diathermy Machines, Electronic Heating Apparatus, etc.
- Eliminate Interference caused by Line-conducted Radiation Between Neighboring TV Sets
- Install Leads in Series with Circuit Being Filtered and Ground the Case

MF	WVDC	Dia. x Length	Cat. No.	List
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.5	50	1 x 1 13/16	*48P18	\$3.80
.1	250(VAC)	1 1/16 x 1 13/16	*48P9	2.60
.002	600	1/4 x 1 3/8	46P12	2.15
.005	600	1/4 x 1 5/8	46P8	2.15
.01	600	3/16 x 1 1/4	47P6	2.35
.1	600	1 1/16 x 1 13/16	*†80P3	2.95
.005	1000	3/16 x 1 1/4	47P12	2.40
.01	1000	3/16 x 1 1/2	47P13	2.60
.005	2500	1 x 1 1/8	47P14	2.90
.01	2500	1 x 1 1/8	47P15	3.10
.002	5000	1 x 1 1/8	47P16	3.20

\*Has female screw terminals  
†Bulkhead mounting.

### 72P RESONANT CAPACITORS



#### PEP UP OLD RADIO SETS!

- Stabilize Any AC-DC "Squealer" Receiver
- Stop Self-oscillation, Permitting "On-the-nose" Alignment in a Jiffy
- Very Low Impedance at 465 KC Intermediate Frequency
- By-pass Unwanted I-F Signals
- Improve Set Performance

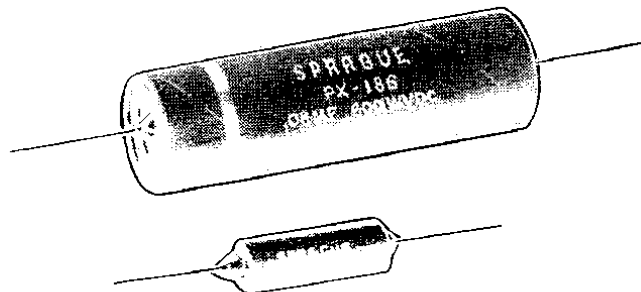
MF	WVDC	Dia. x Length	Cat. No.	List
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.05	400	1/2 x 1 1/8	72P51	\$.50
.1	400	1/2 x 1 5/8	72P52	.65
.2	400	3/16 x 1 1/4	72P53	.70

# Sprague Capacitors date 1956

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## PX METAL-ENCASED TUBULARS



- Rubber-phenolic Compression Disc Seals Assure Positive Hermetic Closure
- Oil-Filled And Oil-Impregnated For Greater Dielectric Strength at Higher Temperatures
- A Product Of New Techniques, Materials, And Processes For Maximum Dependability Under Most Severe Operating Conditions
- Furnished With Insulating Kraftboard Outer Sleeve

MF	Dia. x Length	Cat. No.	List
<b>600 WVDC</b>			
.0001	1/2 x 1 1/4	PX-316	\$ .95
.00025	1/2 x 1 1/4	PX-3256	.95
.0005	1/2 x 1 1/4	PX-356	.95
.001	1/2 x 1 1/4	PX-216	.95
.002	1/2 x 1 1/4	PX-226	.95
.003	1/2 x 1 1/4	PX-236	.95
.004	1/2 x 1 1/4	PX-246	.95
.005	1/2 x 1 1/4	PX-256	.95
.006	1/2 x 1 1/4	PX-266	.95
.007	1/2 x 1 1/4	PX-276	.95
.008	1/2 x 1 1/4	PX-286	.95
.009	1/2 x 1 1/4	PX-296	.95
.01	1/2 x 1 1/4	PX-116	.95
.02	1/2 x 1 3/4	PX-126	1.05
.03	5/8 x 1 5/8	PX-136	1.10
.04	5/8 x 1 5/8	PX-146	1.10
.05	5/8 x 1 5/8	PX-156	1.10
.06	1 1/16 x 1 5/8	PX-166	1.20
.08	1 1/16 x 1 5/8	PX-186	1.20
.1	1 1/16 x 1 7/8	PX-16	1.25
.25	1 3/16 x 2 13/16	PX-26	1.70
.5	1 1/16 x 2 13/16	PX-56	2.20
1.0	1 1/16 x 3 1/16	PX-106	3.00

MF	Dia. x Length	Cat. No.	List
.004	1 1/16 x 1 1/4	PX-241	\$1.10
.005	1 1/16 x 1 1/4	PX-251	1.10
.006	1 1/16 x 1 1/4	PX-261	1.10
.007	1 1/16 x 1 1/4	PX-271	1.10
.008	1 1/16 x 1 1/4	PX-281	1.10
.009	1 1/16 x 1 1/4	PX-291	1.10
.01	1 1/16 x 1 1/4	PX-111	1.10
.02	3/8 x 1 5/8	PX-121	1.20
.03	1 1/16 x 1 3/4	PX-131	1.20
.04	1 1/16 x 1 3/4	PX-141	1.20
.05	1 1/16 x 1 3/4	PX-151	1.30
.06	1 1/16 x 2	PX-161	1.35
.08	1 1/16 x 2	PX-181	1.40
.1	1 1/16 x 2	PX-11	1.50
.25	1 1/16 x 2 13/16	PX-21	2.00
.5	1 1/16 x 3 1/16	PX-51	2.85

MF	Dia. x Length	Cat. No.	List
<b>1000 WVDC</b>			
.0001	1 1/16 x 1 1/4	PX-311	1.10
.00025	1 1/16 x 1 1/4	PX-3251	1.10
.0005	1 1/16 x 1 1/4	PX-351	1.10
.001	1 1/16 x 1 1/4	PX-211	1.10
.002	1 1/16 x 1 1/4	PX-221	1.10
.003	1 1/16 x 1 1/4	PX-231	1.10

MF	Dia. x Length	Cat. No.	List
<b>1500 WVDC</b>			
.002	5/8 x 1 1/4	PX-2215	1.20
.005	5/8 x 1 1/4	PX-2515	1.20
.01	1 1/16 x 1 5/8	PX-1115	1.20
.02	1 1/16 x 1 5/8	PX-1215	1.30

MF	Dia. x Length	Cat. No.	List
<b>2000 WVDC</b>			
.0005	1 3/16 x 1 3/8	PX-352	1.25
.001	1 3/16 x 1 3/8	PX-212	1.25
.005	1 3/16 x 1 3/8	PX-252	1.25
.006	1 3/16 x 1 3/8	PX-262	1.25
.0075	1 3/16 x 1 3/8	PX-2752	1.25
.01	1 3/16 x 1 3/8	PX-112	1.25
.02	1 3/16 x 2 1/8	PX-122	1.35
.03	1 3/16 x 2 1/8	PX-132	1.40
.04	1 3/16 x 2 1/2	PX-142	1.40
.05	1 3/16 x 2 1/2	PX-152	1.45

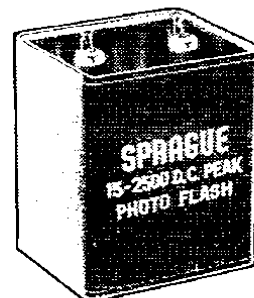
## PQ PHOTOFLASH CAPACITORS

**DESIGNED EXPRESSLY FOR PHOTOFLASH USE**  
NOT COMPARABLE TO STANDARD HEAVY DUTY CAPACITORS  
SUCH AS THE CR TRANSMITTING TYPES

- Oil-Impregnated, Oil Filled
- Uniform Energy Storage
- Smallest Possible Construction with Maximum Dependability
- Hermetically Sealed
- High Insulation Resistance

MF	DC Peak *		Dimensions T. x W. x H.	Weight lbs.	Cat. No.	List Price
	Photoflash Volts	Watt/Sec. Total				
10	2500	31	2 1/4 x 3 3/4 x 4 1/2	1 3/4	PQ-2510	\$17.00
15	2500	47	3 1/16 x 3 3/4 x 4 5/8	2 1/2	PQ-2515	20.00
25	2500	78	4 5/16 x 3 3/4 x 5 1/4	4 1/4	PQ-2525	26.50
35	2500	109	4 9/16 x 3 3/4 x 7	6	PQ-2535	32.50
15	3000	67	3 1/16 x 3 3/4 x 4 7/8	3	PQ-315	24.50
25	4000	200	4 7/16 x 3 3/4 x 9 1/4	7 1/4	PQ-425	42.50

\*Do not exceed Peak Voltage Rating under highest line voltage condition.



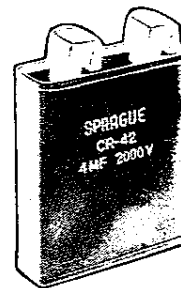
# Sprague Capacitors

date 1956

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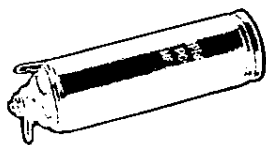
## CR RECTANGULAR OILS

- Capacitor Sections Hermetically Sealed In Ruggedly Constructed Rectangular Metal Cans
- Impregnated And Filled With KVO (Kilo Volt Oil), A Special Sprague Development
- Extremely High Insulation Resistance.
- Designed For Good Performance And Long Life, Even Under High Surge Voltages And High Ambient Temperatures.
- Terminals Have Universal Mounting Feature—Equipped With “Life-guard” Protective Caps



MF	WVDC	T. x W. x L.	Cat. No.	List	MF	WVDC	T. x W. x L.	Cat. No.	List
.5	600	1 1/4 x 1 1/4 x 2 1/4	CR-056	\$4.70	3.0	2000	1 1/4 x 3 3/4 x 4 3/4	CR-32	\$13.20
1.0	600	1 1/4 x 1 1/4 x 2 1/4	CR-16	5.80	4.0	2000	2 1/4 x 3 3/4 x 3 3/4	CR-42	15.15
2.0	600	1 1/4 x 1 1/4 x 2 3/8	CR-26	7.15	6.0	2000	3 3/4 x 3 3/4 x 4 1/2	CR-62	20.10
3.0	600	1 1/4 x 1 1/4 x 3 1/4	CR-36	8.25	10.0	2000	4 3/4 x 3 3/4 x 4 3/4	CR-102	30.55
4.0	600	1 3/4 x 2 1/2 x 3 1/2	CR-46	9.10	.1	2500	1 3/4 x 2 1/2 x 2 1/2	CR-0125	10.15
6.0	600	1 3/4 x 2 1/2 x 4 3/4	CR-66	11.30	.5	2500	1 3/4 x 3 3/4 x 3 3/4	CR-0525	11.55
8.0	600	1 1/4 x 3 3/4 x 3 3/4	CR-86	13.50	1.0	2500	1 3/4 x 3 3/4 x 3 3/4	CR-125	13.20
10.0	600	1 1/4 x 3 3/4 x 4 3/4	CR-106	15.15	2.0	2500	1 3/4 x 3 3/4 x 4 3/4	CR-225	21.45
.1	1000	1 1/4 x 1 1/4 x 1 3/4	CR-011	4.15	4.0	2500	4 3/4 x 3 3/4 x 4 3/4	CR-425	30.00
.25	1000	1 1/4 x 1 1/4 x 2 1/4	CR-0251	4.70	.1	3000	1 3/4 x 2 1/2 x 2 1/2	CR-013	14.05
.5	1000	1 1/4 x 1 1/4 x 2 1/4	CR-051	4.95	.25	3000	1 3/4 x 2 1/2 x 2 1/2	CR-0253	14.85
1.0	1000	1 1/4 x 1 1/4 x 2 1/4	CR-11	6.35	.5	3000	1 3/4 x 2 1/2 x 4 1/4	CR-053	16.80
2.0	1000	1 1/4 x 1 1/4 x 3 3/4	CR-21	8.25	1.0	3000	2 1/4 x 3 3/4 x 3 3/4	CR-13	20.10
4.0	1000	1 3/4 x 2 1/2 x 4 3/4	CR-41	10.45	2.0	3000	3 3/4 x 3 3/4 x 4 1/2	CR-23	25.05
8.0	1000	1 1/4 x 3 3/4 x 4 3/4	CR-81	15.15	4.0	3000	4 3/4 x 3 3/4 x 4 3/4	CR-43	36.85
10.0	1000	1 3/4 x 3 3/4 x 4 3/4	CR-101	16.80	.1	4000	2 1/4 x 3 3/4 x 2 3/4	CR-014	18.00
12.0	1000	2 1/4 x 3 3/4 x 4 1/2	CR-121	18.15	.25	4000	2 1/4 x 3 3/4 x 2 3/4	CR-0254	20.00
15.0	1000	2 1/2 x 3 3/4 x 4 3/4	CR-151	20.10	.5	4000	2 1/4 x 3 3/4 x 3 3/4	CR-054	23.00
.5	1500	1 1/4 x 1 1/4 x 2 3/8	CR-0515	6.35	1.0	4000	2 1/4 x 3 3/4 x 5 3/8	CR-14	29.00
1.0	1500	1 1/4 x 1 1/4 x 3 3/8	CR-115	7.45	2.0	4000	4 3/4 x 3 3/4 x 5 3/8	CR-24	39.00
2.0	1500	1 3/4 x 2 1/2 x 4 3/4	CR-215	10.20	.2	5000	1 3/4 x 3 3/4 x 3 3/8	CR-025	20.00
4.0	1500	1 1/4 x 3 3/4 x 4 3/4	CR-415	14.05	.5	5000	2 1/4 x 3 3/4 x 4 1/2	CR-055	25.00
5.0	1500	1 1/4 x 3 3/4 x 4 3/4	CR-515	15.15	1.0	5000	4 3/4 x 3 3/4 x 4 3/4	CR-15	34.00
8.0	1500	2 1/2 x 3 3/4 x 4 3/4	CR-815	20.90	2.0	5000	4 3/4 x 3 3/4 x 6	CR-25	52.00
10.0	1500	3 3/4 x 3 3/4 x 4 3/4	CR-1015	25.05	.1	6000	2 1/4 x 3 3/4 x 3 3/4	CR-0160	27.00
.1	2000	1 3/4 x 2 1/2 x 2 1/2	CR-012	6.60	.2	6000	1 3/4 x 3 3/4 x 4 1/4	CR-0260	30.00
.25	2000	1 3/4 x 2 1/2 x 2 1/2	CR-0252	7.15	1.0	6000	4 3/4 x 3 3/4 x 7 1/2	CR-160	49.00
.5	2000	1 3/4 x 2 1/2 x 2 1/2	CR-052	7.45	.1	7500	2 1/4 x 3 3/4 x 3 3/4	CR-0175	29.00
1.0	2000	1 3/4 x 2 1/2 x 3 1/2	CR-12	9.10	.2	7500	1 3/4 x 3 3/4 x 4 3/4	CR-0275	33.00
2.0	2000	1 1/4 x 3 3/4 x 4 3/4	CR-22	10.75					

## PC SCREWBASE OILS



Oil-impregnated  
Oil-filled  
Screwbase Can For  
Easy Single Hole  
Mounting  
Small Size—Will Fit  
Tight Spaces

MF	WVDC	Dia. x Length	Cat. No.	List
2	600	1 1/2 x 2 3/4	PC-26	\$5.40
3	600	1 1/2 x 3 1/2	PC-36	6.15
4	600	1 1/2 x 4 1/2	PC-46	7.10
1	1000	1 1/2 x 2 3/4	PC-11	5.00
2	1000	1 1/2 x 4 1/2	PC-21	6.30
0.5	1500	1 1/2 x 2 3/4	PC-515	5.85
1	1500	1 1/2 x 3 3/4	PC-115	6.30

## CYLINDRICAL OT OILS



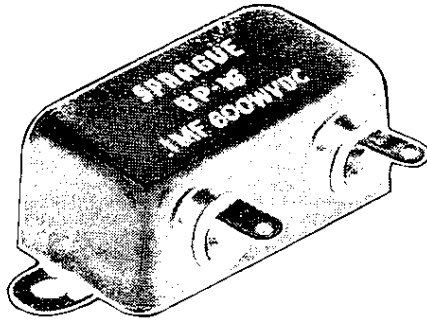
Oil-impregnated, Oil-filled  
Hermetically Sealed  
Ceramic Terminals  
Rubber “Life-guard” Caps For  
Extra Protection

MF	WVDC	Dia. x Length	Cat. No.	List
2	600	2 x 2 1/2 1/2	OT-26	\$5.45
1	1000	2 x 2 1/2 1/2	OT-11	4.65
2	1000	2 x 3 3/2	OT-21	6.30
4	1000	2 x 5 3/2	OT-41	8.00
0.5	1500	2 x 2 1/2 1/2	OT-515	5.05
1	1500	2 x 2 2 3/2	OT-115	5.85
2	1500	2 x 4 1 3/2	OT-215	8.00
1	2000	2 x 4 3/2	OT-12	7.55
2	2000	2 1/2 x 4 1 3/2	OT-22	8.40
1	3000	2 1/2 x 4 2 3/2	OT-13	15.15

# Sprague Capacitors Radio Electronic Master, date 1956

[www.33audio.com](http://www.33audio.com)

## BP BATHTUB CAPACITORS



- For Applications Where Severe Operating Conditions Are Encountered
- Hermetically Sealed For Extra Protection Against Adverse Atmospheric Conditions
- Seamless Drawn Metal Can
- Oil-impregnated For Dependable Operation
- Convenient Mounting Ears Are Integral Part of Metal Container

MF	L x W. x H.	Cat. No.	List
<b>400 WVDC</b>			
.1	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-1	\$2.20
.25	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-25	2.50
.5	1 <sup>13</sup> / <sub>16</sub> x 1 x 7/8	BP-50	2.65
1.0	2 x 1 <sup>1</sup> / <sub>4</sub> x 7/8	BP-10	3.15
.1 + .1	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-21	3.30
.25 + .25	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-225	3.60
.5 + .5	2 x 1 <sup>1</sup> / <sub>4</sub> x 7/8	BP-250	4.15
.1 + .1 + .1	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-31	4.00
<b>600 WVDC</b>			
.05	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-56	2.90
.1	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-16	2.95
.25	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-256	3.10
.5	1 <sup>13</sup> / <sub>16</sub> x 1 x 7/8	BP-506	3.30
1.0	2 x 1 <sup>1</sup> / <sub>4</sub> x 7/8	BP-106	3.75
2.0	2 x 2 x 1 <sup>1</sup> / <sub>8</sub>	BP-206	5.00
.05 + .05	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-2056	3.65

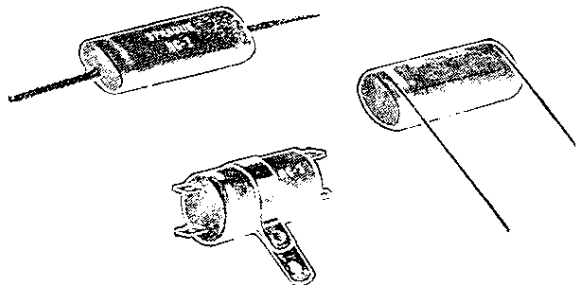
MF	L x W. x H.	Cat. No.	List
.1 + .1	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-216	\$3.70
.25 + .25	1 <sup>13</sup> / <sub>16</sub> x 1 x 7/8	BP-2256	3.75
.5 + .5	2 x 1 <sup>1</sup> / <sub>4</sub> x 7/8	BP-2506	4.30
1.0 + 1.0	2 x 2 x 1 <sup>1</sup> / <sub>8</sub>	BP-116	5.30
.1 + .1 + .1	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-316	4.20
.25 + .25 + .25	2 x 1 <sup>1</sup> / <sub>4</sub> x 7/8	BP-3256	4.75
.5 + .5 + .5	2 x 2 x 1 <sup>1</sup> / <sub>8</sub>	BP-356	5.75
<b>1000 WVDC</b>			
.05	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-51	3.05
.1	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-11	3.15
.25	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-251	3.25
.5	2 x 1 <sup>1</sup> / <sub>4</sub> x 7/8	BP-501	3.55
1.0	2 x 2 x 1 <sup>1</sup> / <sub>8</sub>	BP-101	4.40
.05 + .05	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-2051	3.85
.1 + .1	1 <sup>13</sup> / <sub>16</sub> x 1 x 3/8	BP-211	4.00
.25 + .25	2 x 1 <sup>1</sup> / <sub>4</sub> x 7/8	BP-2251	4.20
.5 + .5	2 x 2 x 1 <sup>1</sup> / <sub>8</sub>	BP-2501	5.45
.1 + .1 + .1	1 <sup>13</sup> / <sub>16</sub> x 1 x 7/8	BP-311	4.60
.25 + .25 + .25	2 x 2 x 1 <sup>1</sup> / <sub>8</sub>	BP-3251	5.50

## HC HASH CAPACITORS

### FOR AUTOMOBILE RADIOS

- HC-1—Braided Leads for Low R-F Resistance
- HC-2—Has Radial Side Leads
- HC-3—Has Flat Strap Leads for Minimum R-F Impedance

MF	WVDC	Size	Cat. No.	List
.5	120	7/16 x 3/4 x 2 (oval tube)	HC-1	\$ .90
.5	120	3/4 x 3/4 x 2 (oval tube)	HC-2	.90
.5	120	3/4 x 1 <sup>1</sup> / <sub>8</sub> (round tube)	HC-3	1.10



# Sprague Capacitors date 1956

[www.33audio.com](http://www.33audio.com)

## AR & LR AUTO GENERATOR AND VIBRATOR TYPES



- Exceptionally Sturdy Design
- Withstand Bouncing and Vibration
- Oil-impregnated, Metal Encased
- Resist Heat and Humidity

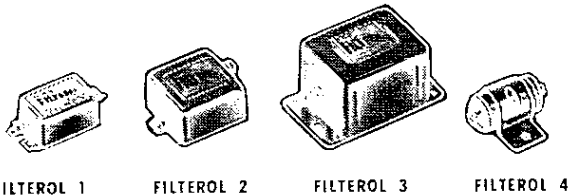
MF	WVDC	Size	Cat. No.	List
<b>AR (GENERATOR TYPES)</b>				
1.0		1 x 2 $\frac{3}{16}$	AR-1	\$1.75
.5		1 $\frac{1}{16}$ x 1 $\frac{1}{16}$	AR-2	.90
.5+.5		1 x 2 $\frac{3}{16}$	AR-25	3.25
.5		1 $\frac{1}{16}$ x 1 $\frac{1}{16}$	AR-Ford	1.45
<b>LR (VIBRATOR TYPES)</b>				
.01	1600	1/4 x 3/8 x 1 1/16	LR-11	\$2.00
.02	1600	1/4 x 3/8 x 1 1/16	LR-12	2.90
.007	1600	1/4 x 3/8 x 1 1/16	LR-27	2.65

## SPECIAL AUTO TYPES

Description and Cat. No.	MF	WVDC	D. x L.	List
<b>Dome Light Filter</b>				
DL-1	.2	200	1 x 2 $\frac{3}{16}$	\$4.20
<b>Gas Gauge Filter</b>				
GG-5	.05	200	7/16 x 1 $\frac{1}{2}$	1.20
<b>Oil Gauge Filter</b>				
OG-50	.25	200	1 $\frac{1}{16}$ x 1 $\frac{1}{8}$	1.40
<b>Ford Replacement</b>				
P-2077	.5	200	1 $\frac{1}{16}$ x 1 $\frac{1}{8}$	1.25
<b>Ammeter Capacitor</b>				
P-3402	.5	200	1 $\frac{1}{16}$ x 2	.90
<b>Motorola Replacement</b>				
P-2153	.0008+.0008	1000	3/4 x 1 $\frac{1}{8}$	.80

# INTERFERENCE FILTERS

## FILTEROL® TYPES



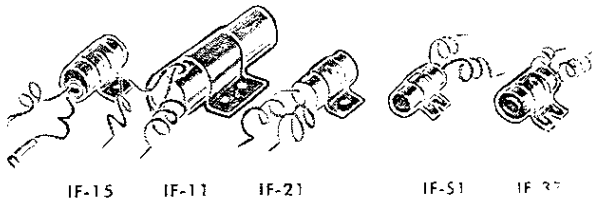
- Suppress Man-made Radio and TV Interference
- Small, Completely Self-contained
- Quickly, Easily Installed

**Filterol Types 1, 2, and 3**—Designed for connection in series with power supply lines to interference-producing devices . . . A 3-terminal network with the case as one terminal . . . The selected filter should have a rating higher than the continuous operating current of the offending device . . . A single Filterol connected to the high side of the line is usually sufficient . . . In severe cases a Filterol in each leg of the power line may be necessary . . . For three or four-wire systems, a Filterol in each wire is necessary.

**Filterol Type 4**—A new, exclusive Sprague development incorporating a Sprague HYPASS® Capacitor . . . Provides exceptionally high attenuation at frequencies above 5 megacycles . . . Intended for small devices with continuous current ratings up to 20 amperes.

Cat. No.	Amps.	Volts AC or DC	Size	List
Filterol 1	1	115	3/8 x 1 1/4 x 1 3/4	\$13.50
Filterol 2	10	115	1 1/8 x 2 x 2	14.80
Filterol 3	35	115	1 7/8 x 2 3/8 x 3 1/8	27.40
Filterol 4	20	115	1" dia. x 1 13/16" long	3.05

## IF TYPES



**IF-15**—TRIPLE-SECTION FILTER for all small motor-operated devices such as food and drink mixers, vacuum cleaners, fans, drills, etc. Especially designed to prevent accidental shocks from discharge of filter capacitors.

**IF-11**—DUAL HIGH-CAPACITY FILTER with completely enclosed safety construction. Designed for use on motors over 1 horsepower and up to 220 volts AC or DC. Also used on high-current arcing or sparking devices.

**IF-21**—COMPACT DUAL FILTER for use across brushes of fractional horsepower motors with the can grounded to motor frame. May also be used across line terminals of motors.

**IF-S1**—SINGLE SECTION 2-LEAD FILTER with can completely insulated. For use across make-and-break contacts, such as thermostats, circuit breakers, door-bells, buzzers, relays, etc.

**IF-37**—3-SECTION DELTA-CONNECTED FILTER especially designed for fluorescent fixtures. Only one IF-37 required for each offending fixture. Also effective on make-and-break governor-type motors. *Underwriters' Laboratories approved.*

Cat. No.	Volts AC or DC	Dia. x Length	List
IF-15	220	1 x 2 $\frac{3}{16}$	\$2.60
IF-11	220	1 $\frac{3}{8}$ x 3 $\frac{1}{2}$	7.80
IF-21	220	1 x 2 $\frac{3}{16}$	1.75
IF-S1	220	3/4 x 2 $\frac{1}{16}$	1.15
IF-37	220	1 x 2 $\frac{3}{16}$	2.25