ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

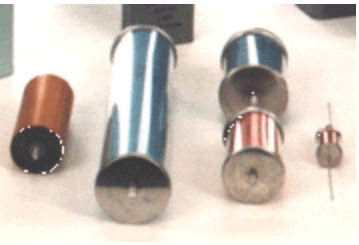
Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Plastic Capacitors OF40-254* at our website: *Click HERE*

TYPE OF HIGH VOLTAGE FILTER CAPACITORS GLASS CONTAINER

The data contained herein shows only a PARTIAL LISTING of items available for this product line and it gives only a CONDENSED VERSION of the applicable specifications and characteristics. Request our complete catalog for full information!



The type **OF** capacitors are an improved plastic dielectric capacitor impregnated with a highly purified and inhibited Mineral Oil. It is hermetically sealed, rated for operation at 85°C at full nameplate rating, and will withstand most environmental and electrical specifications in general use. Size is very small due to the nature of the dielectric used, and the particular attention to processing. They are designed to pass the tests and exceed the requirements of MIL-C-25D except for high altitude flashover. VIBRATION & SHOCK MIL-C-25D consult factory for recommended mounting.

Temperature Range -55°C to 85°C with nameplate voltage applied. Derate to 60% nameplate voltage for operation at 105°C. Non-operating temperature range -65°C to 110°C, also available.

Test Voltage. through 20KV rating, 200%; above 20KV rating, 150% of nameplate voltage. Capacitors charged for 1 minutes.

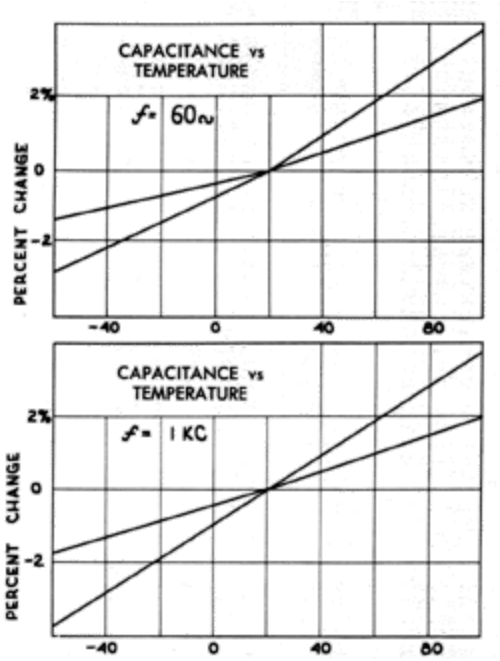
Capacitance Tolerance. Standard capacitance tolerance is plus/minus 10%. Also available in ± 5% and ± 2% tolerance. Standard tolerances not marked.

Life. Type OF capacitors are designed for continuous operation at 85°C with nameplate voltage applied. A suitable test to indicate compliance is operation for 250 hours at 85°C with 140% nameplate applied. Compliance is indicated by not more than one failure in a sample lot of 12.

Mounting Position. Any.

Altitude. Type OF capacitors are designed for operation at barometric pressures greater than 20 inches of mercury.

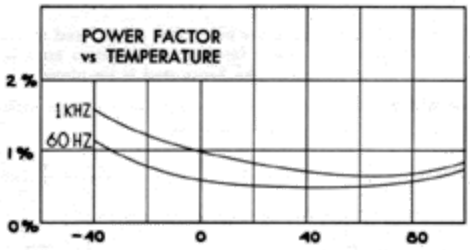
Ripple. The peak ripple voltage plus the DC voltage should not exceed the nameplate voltage. Acceptable peak to peak ripple voltage in percent of nameplate voltage follows.

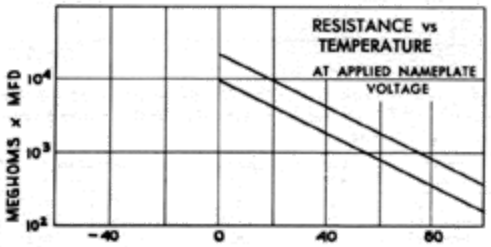


Frequency	Peak to Peak	Frequency	Peak to Peak
CPS	Ripple Voltage %	CPS	Ripple Voltage %
60	25	400	5
120	20	1000	3

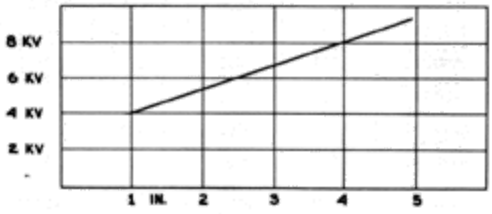
Dielectric Resistance is indicated by the curve R vs. T. This curve expresses limits with nameplate voltage applied and 2 minute electrification time. Limitations 100^3 megohms x mfd. or 100^3 megohms whichever is less at room temperature.

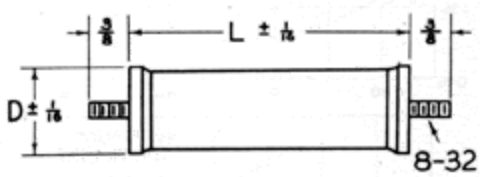
Terminals are 8-32 x 3/8" long for diameters of 3/4" or greater. Smaller diameters are supplied with #18 tinned copper axial pigtails. Other size studs, pigtails and solder lugs are available.





ALTITUDE. Type OF capacitors are designed for operation at barometric pressures greater than 20 inches of mercury. Transport non-operating at 100,000 feet.





Dimensions

Part Number	Cap MFD	Volts DC	L	D
OF20-103	.01	2000	1-3/16	19/32
OF20-203	.02	2000	1-9/16	19/32
OF20-503	.05	2000	1-3/4	3/4
OF20-104	0.1	2000	2-1/4	3/4
OF20-254	0.25	2000	2-3/4	29/32
OF20-504	0.5	2000	2	1-3/8
OF30-103	.01	3000	1-9/16	19/32
OF30-203	.02	3000	1-3/4	3/4
OF30-503	.05	3000	2-1/4	3/4
OF30-104	0.1	3000	1-3/4	1-1/8
OF30-254	0.25	3000	2	1-3/8
OF30-504	0.5	3000	2-3/4	1-5/8
OF40-103	.01	4000	1-3/16	3/4
OF40-203	.02	4000	1-3/4	3/4
OF40-503	.05	4000	2	13/16
OF40-104	0.1	4000	2	1-1/8
OF40-254	0.25	4000	2-1/4	1-5/8
OF40-504	0.5	4000	3-3/4	1-5/8
OF50-201	.0002	5000	1-3/16	19/32
OF50-501	.0005	5000	1-3/16	19/32
OF50-102	.001	5000	1-3/16	19/32
OF50-202	.002	5000	1-3/16	19/32
OF50-502	.005	5000	1-5/8	19/32
OF50-103	.01	5000	1-3/4	3/4
OF50-203	.02	5000	2-1/4	3/4
OF50-503	.05	5000	2-1/4	29/32
OF50-104	0.1	5000	2-1/4	1-3/8

Dimensions

Part Number	Cap MFD	Volts DC	L	D
OF80-502	.005	8000	1-3/4	3/4
OF80-103	.01	8000	2-1/4	3/4
OF80-203	.02	8000	2-3/4	29/32
OF80-503	.05	8000	2-3/4	1-3/8
OF80-104	0.1	8000	3-5/8	1-5/8
OF80-204	0.2	8000	7	3/4
OF100-501	.0005	10KV	1-5/8	19/32
OF100-102	.001	10KV	1-5/8	19/32
OF100-202	002	10KV	1-5/8	3/4
OF100-502	.005	10KV	1-3/4	13/16
OF100-103	.01	10KV	2-1/4	29/32
OF100-203	.02	10KV	2-3/4	1-1/8
OF100-503	.05	10KV	2-3/4	1-5/8
OF100-603	.06	10KV	3	1-5/8
OF100-104	0.1	10KV	5	1-5/8
OF150-501	.0005	15KV	2-1/4	19/32
OF150-202	.002	15KV	2-1/4	3/4
OF150-502	.005	15KV	2-3/4	1-1/8
OF150-103	.01	15KV	3-3/4	1-1/8
OF150-203	.02	15KV	4-1/4	1-3/8
OF150-503	.05	15KV	7	1-5/8
OF200-102	.001	20KV	3-1/2	3/4
OF200-202	.002	20KV	3-1/2	13/16
OF200-502	.005	20KV	3-1/2	1-1/8
OF200-103	.01	20KV	4-1/2	1-1/8
OF200-203	.02	20KV	4-1/2	1-5/8
OF300-201	.0002	30KV	4-9/16	19/32

OF50-254	0.25	5000	3	1-5/8		OF300-501	.0005	30KV	4-9/16	19/32
OF50-504	0.5	5000	6	1-5/8		OF300-502	.005	30KV	5	1-3/8
OF60-502	.005	6000	1-5/8	19/32		OF300-103	.01	30KV	6-1/2	1-5/8
OF60-103	.01	6000	1-3/4	3/4		OF300-203	.02	30KV	9	1-5/8
OF60-203	.02	6000	2-1/4	3/4		OF400-202	.002	40KV	6-1/2	1-1/8
OF60-503	.05	6000	3-1/4	29/32		OF400-502	.005	40KV	6-1/2	1-5/8
OF60-254	0.25	6000	4	1 58		OF500-501	.0005	50KV	8-1/4	3/4
OF80-501	.0005	8000	1-9/16	19/32		OF500-102	.001	50KV	8-1/4	13/16
OF80-102	.001	8000	1-9/16	19/32		OF500-202	.002	50KV	8-1/4	1-1/8
OF80-202	.002	8000	1-3/4	19/32		OF500-502	.005	50KV	10 3/4	1-3/8

For further information, call (773) 489-2233 or E-mail us to have a compete data sheet fax or mail to you.



© 2019 Plastic Capacitors, Inc. All Rights Reserved. Website designed by Fresh Element.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP