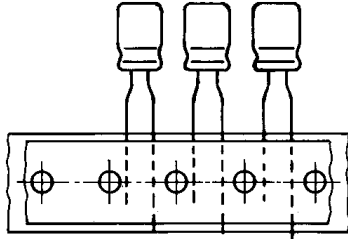
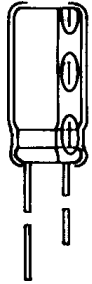


Aluminum Electrolytic Capacitors, Radial Style



FEATURES

- Polarized Al electrolytic capacitor
- High C·U product
- Small dimensions

APPLICATIONS

- General uses, industrial electronics, automotive electronics, audio / video systems
- Smoothing, filtering, coupling, decoupling, timing elements
- Little space requirement
- Portable and mobile units

| MAIN SPECIFICATIONS | | | |
|--|-----------------------|--|---------------|
| Nominal Case Size D x L | [mm] | 5 x 11 to 18 x 40 | |
| Rated Capacitance Range | [μF] | 0.47 to 10000 | |
| Capacitance Tolerance | [%] | ± 20 | |
| Rated Voltage Range | [V] | 10 to 350 | 400, 450 |
| Category Temperature Range | [°C] | -40 to 85 | -25 to 85 |
| Endurance Test at Upper Category Temperature | [h] | 2000 | |
| Lifetime at 85°C and I _R | [h] | 3000 | |
| Lifetime at 40°C and I _R | [h] | 70.000 | |
| Sectional Specifications | | IEC 384 - 4 CECC 30300 GP grade | |
| Detail Specifications | | CECC 30301-037, similar to DIN 45 910 part 124 without quality assesement | |
| Climatic Category | | | |
| IEC 68 | | 40 / 085 / 56 | 25 / 085 / 56 |
| DIN 40040 | | GPF | HPF |
| Failure Rate | [10 ⁻⁹ /h] | ≤ 90 | |

| DIMENSIONS | | | | | | | | | | | | |
|-------------------------------------|-----------|-----------|-----------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Nominal Size D x L [in millimeters] | | | | RATED VOLTAGE [V] | | | | | | | | |
| CAP. [μF] | 10 | 16 | 25 | 35 | 50 | 63 | 100 | 160 | 250 | 350 | 400 | 450 |
| 0.47 | | | | | 5 x 11 | | 5 x 11 | | | | | |
| 1.0 | | | | | 5 x 11 | | 5 x 11 | 6.3 x 11 | | | | 8 x 11.5 |
| 2.2 | | | | | 5 x 11 | | 5 x 11 | 6.3 x 11 | 8 x 11.5 | 10 x 12.5 | 10 x 12.5 | 10 x 12.5 |
| 3.3 | | | | | 5 x 11 | | 5 x 11 | 8 x 11.5 | 10 x 12.5 | 10 x 12.5 | 10 x 12.5 | 10 x 16 |
| 4.7 | | | | | 5 x 11 | 5 x 11 | 5 x 11 | 8 x 11.5 | 10 x 12.5 | 10 x 12.5 | 10 x 16 | 10 x 20 |
| 10 | | | | | 5 x 11 | 5 x 11 | 6.3 x 11 | 10 x 12.5 | 10 x 16 | 10 x 20 | 13 x 20 | 13 x 20 |
| 22 | | | | | 5 x 11 | 6.3 x 11 | 8 x 11.5 | 10 x 20 | 13 x 20 | 13 x 25 | 13 x 25 | 16 x 25 |
| 33 | | | | 5 x 11 | 6.3 x 11 | 6.3 x 11 | 10 x 12.5 | 13 x 20 | 13 x 25 | 13 x 25 | 16 x 25 | 16 x 13.5 |
| 47 | | | 5 x 11 | 6.3 x 11 | 6.3 x 11 | 8 x 11.5 | 10 x 16 | 13 x 20 | 13 x 25 | 16 x 25 | 16 x 35.5 | 16 x 35.5 |
| 100 | 5 x 11 | 6.3 x 11 | 6.3 x 11 | 8 x 11.5 | 8 x 11.5 | 10 x 12.5 | 10 x 20 | 16 x 25 | 16 x 31.5 | 18 x 40 | | |
| 220 | 6.3 x 11 | 8 x 11.5 | 8 x 11.5 | 10 x 12.5 | 10 x 16 | 10 x 20 | 13 x 25 | 18 x 35.5 | | | | |
| 330 | 8 x 11.5 | 8 x 11.5 | 10 x 12.5 | 10 x 16 | 10 x 20 | 13 x 20 | 16 x 25 | | | | | |
| 470 | 8 x 11.5 | 10 x 12.5 | 10 x 16 | 10 x 20 | 13 x 20 | 13 x 25 | 16 x 31.5 | | | | | |
| 1000 | 10 x 16 | 10 x 20 | 13 x 20 | 13 x 25 | 16 x 25 | 16 x 31.5 | | | | | | |
| 2200 | 13 x 20 | 13 x 25 | 16 x 25 | 16 x 31.5 | 18 x 35.5 | | | | | | | |
| 3300 | 13 x 25 | 16 x 25 | 16 x 31.5 | 18 x 35.5 | | | | | | | | |
| 4700 | 16 x 25 | 16 x 31.5 | 18 x 35.5 | | | | | | | | | |
| 6800 | 16 x 31.5 | 18 x 35.5 | | | | | | | | | | |
| 10000 | 18 x 35.5 | | | | | | | | | | | |

Special values / dimensions on request
 $\pm 10\%$ capacitance tolerance on request

LEAKAGE CURRENT

Formula for the calculation of the maximum leakage current for acceptance tests I_L :
[Test conditions: U_R , 20°C, 2 minutes ($U_R \leq 100\text{V}$) / 5 minutes ($U_R > 100\text{V}$)]

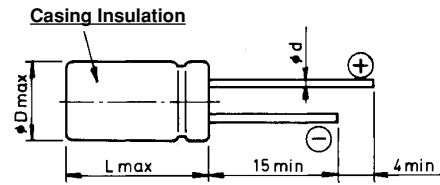
$$I_{L2} [\mu\text{A}] \leq 0.01 \cdot C_R [\mu\text{F}] \cdot U_R [\text{V}] \quad \text{or } 3\mu\text{A} \quad \text{for } U_R \leq 100\text{V (whichever is greater)}$$

$$I_{L5} [\mu\text{A}] \leq 0.02 \cdot C_R [\mu\text{F}] \cdot U_R [\text{V}] \quad +15\mu\text{A} \quad \text{for } U_R > 100\text{V}$$

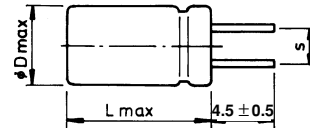
| LOW TEMPERATURE BEHAVIOUR | | | | | | | | | |
|--------------------------------------|-------------------|----|----|--------|-----|-----|-----|-----|-----|
| Impedance Ratio Z(T2) z(T1) at 120Hz | | | | | | | | | |
| T2 / T1 | RATED VOLTAGE [V] | | | | | | | | |
| | 10 | 16 | 25 | 35-100 | 160 | 250 | 350 | 400 | 450 |
| -25°C / -20°C | 3 | 2 | 2 | 2 | 4 | 8 | 8 | 16 | 16 |
| -40°C / +20°C | 8 | 6 | 4 | 3 | 8 | 12 | 12 | - | - |

DIMENSIONS AND LEAD CONFIGURATION

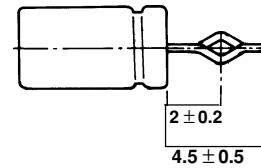
$5 \leq \text{ØD} \leq 18$ Long leads EKO 00...



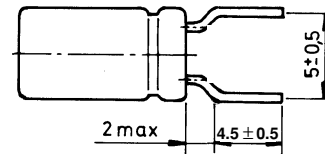
$5 \leq \text{ØD} \leq 18$ Shortened leads (S = 2 / 2.5 / 3.5 / 5 / 7.5mm) EKO 05...



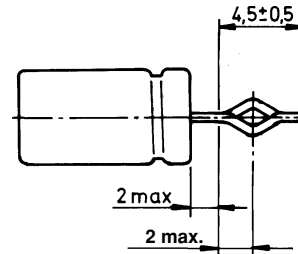
$10 \leq \text{ØD} \leq 18$ Leads shortened and formed EKO 06...



$5 \leq \text{ØD} \leq 8$ Leads bent open, shortened (S = 5mm) EKO 09...



$5 \leq \text{ØD} \leq 8$ Leads bent open, shortened and formed EKO 06... (S = 5mm)



Leads are solder-coated steel
safety vent for $\text{ØD} \geq 8\text{mm}$

| DIMENSIONS [in millimeters] | | | |
|------------------------------------|---|-------------------|-------------------------|
| NOMINAL SIZE D x L | MAXIMUM SIZE D _{max.} x L _{max.} | LEAD ød ± 0.05 | LEAD SPACING S ± 0.5 |
| 5 x 11 | 5.5 x 12.0 | 0.5 | 2.0 |
| 6.3 x 11 | 6.8 x 12.0 | 0.5 | 2.5 |
| 8 x 11.5 | 8.5 x 12.5 | 0.6 | 3.5 |
| 10 X 12.5 | 10.5 X 14.5 | 0.6 | 5.0 |
| 10 X 16 | 10.5 X 18.0 | 0.6 | 5.0 |
| 10 X 20 | 10.5 X 22.0 | 0.6 | 5.0 |
| 13 X 20 | 13.5 X 22.0 | 0.6 | 5.0 |
| 13 X 25 | 13.5 X 27.0 | 0.6 | 5.0 |
| 16 X 25 | 16.5 X 27.0 | 0.8 | 7.5 |
| 16 X 31.5 | 16.5 X 33.5 | 0.8 | 7.5 |
| 16 X 35.5 | 16.5 X 37.5 | 0.8 | 7.5 |
| 18 X 35.5 | 18.5 X 37.5 | 0.8 | 7.5 |
| 18 X 40 | 18.5 X 42 | 0.8 | 7.5 |

TECHNICAL AND ORDERING INFORMATION

If not indicated otherwise the following test conditions apply to all electrical parameters:

$T_a = 20^\circ\text{C}$, $p = 80\text{-}120\text{ kPa}$, $\text{RH} = 45\text{-}75\%$

C_R Rated Capacitance at 120Hz

U_R Rated Voltage

$\tan d$ Max.Dissipation Factor at 120Hz

R_{ESR} Max. Equivalent Series Resistance at 120Hz

I_R Rated Alternating Current at 120Hz and Upper Category Temperature

Ordering example:

EKO 22 μF / 25V, $\pm 20\%$, size: 16mm x 25mm

Leads: Long - Ordering code: EKO 00JG422E00

Leads: Short - Ordering code: EKO 05...

Leads: Bent open, shortened - Ordering code: EKO 09...

Leads: Bent open, shortened and formed

Ordering code: EKO 06...

ELECTRICAL CHARACTERISTICS, WEIGHT AND ORDERING CODE

| CAPACITANCE 120Hz C_R [μF] | RATED VOLTAGE U_R [V] | DIMENSIONS D x L [mm] | DISSIPATION FACTOR 120Hz | EQUIVALENT SERIES RESISTANCE 120Hz [Ω] | RATED CURRENT I_R 120Hz, 85 $^\circ\text{C}$ [mA] | WEIGHT [g] | ORDERING CODE |
|--|----------------------------------|-----------------------------|--------------------------------|--|--|---------------|---------------|
| 100 | 10 | 5.0 x 11.0 | 0.20 | 3.18 | 157 | 0.5 | EKO00AA310C00 |
| 220 | 10 | 6.3 x 11.0 | 0.20 | 1.45 | 267 | 0.8 | EKO00BA322C00 |
| 330 | 10 | 8.0 x 11.5 | 0.20 | 0.97 | 386 | 1.1 | EKO00PB333C00 |
| 470 | 10 | 8.0 x 11.5 | 0.20 | 0.68 | 460 | 1.1 | EKO00PB347C00 |
| 1000 | 10 | 10.0 x 16.0 | 0.20 | 0.32 | 854 | 2.0 | EKO00DD410C00 |
| 2200 | 10 | 13.0 x 20.0 | 0.22 | 0.16 | 1492 | 3.8 | EKO00GE422C00 |
| 3300 | 10 | 13.0 x 25.0 | 0.24 | 0.12 | 1831 | 4.5 | EKO00GG433C00 |
| 4700 | 10 | 16.0 x 25.0 | 0.26 | 0.09 | 2317 | 7.0 | EKO00JG447C00 |
| 6800 | 10 | 16.0 x 31.5 | 0.30 | 0.07 | 2814 | 9.0 | EKO00JS468C00 |
| 10000 | 10 | 18.0 x 35.5 | 0.36 | 0.06 | 3475 | 13.0 | EKO00KL510C00 |
| 100 | 16 | 6.3 x 11.0 | 0.16 | 2.55 | 201 | 0.8 | EKO00BA310D00 |
| 220 | 16 | 8.0 x 11.5 | 0.16 | 1.16 | 352 | 1.1 | EKO00PB322D00 |
| 330 | 16 | 8.0 x 11.5 | 0.16 | 0.77 | 431 | 1.1 | EKO00PB333D00 |
| 470 | 16 | 10.0 x 12.5 | 0.16 | 0.54 | 598 | 1.5 | EKO00DC347D00 |
| 1000 | 16 | 10.0 x 20.0 | 0.16 | 0.25 | 1042 | 2.5 | EKO00DE410D00 |
| 2200 | 16 | 13.0 x 25.0 | 0.18 | 0.13 | 1713 | 4.5 | EKO00GG422D00 |
| 3300 | 16 | 16.0 x 25.0 | 0.20 | 0.10 | 2194 | 7.0 | EKO00JG433D00 |
| 4700 | 16 | 16.0 x 31.5 | 0.22 | 0.07 | 2718 | 9.0 | EKO00JS447D00 |
| 6800 | 16 | 18.0 x 35.5 | 0.26 | 0.06 | 3360 | 13.0 | EKO00KL468D00 |
| 47 | 25 | 5.0 x 11.0 | 0.14 | 4.74 | 131 | 0.5 | EKO00AA247E00 |
| 100 | 25 | 6.3 x 11.0 | 0.14 | 2.23 | 220 | 0.8 | EKO00BA310E00 |
| 220 | 25 | 8.0 x 11.5 | 0.14 | 1.01 | 386 | 1.1 | EKO00PB322E00 |
| 330 | 25 | 10.0 x 12.5 | 0.14 | 0.68 | 549 | 1.5 | EKO00DC333E00 |
| 470 | 25 | 10.0 x 16.0 | 0.14 | 0.47 | 717 | 2.0 | EKO00DD347E00 |
| 1000 | 25 | 13.0 x 20.0 | 0.14 | 0.22 | 1340 | 3.8 | EKO00GE410E00 |
| 2200 | 25 | 16.0 x 25.0 | 0.16 | 0.12 | 2032 | 7.0 | EKO00JG422E00 |
| 3300 | 25 | 16.0 x 31.5 | 0.18 | 0.09 | 2546 | 9.0 | EKO00JS433E00 |
| 4700 | 25 | 18.0 x 35.5 | 0.20 | 0.07 | 3225 | 13.0 | EKO00KL447E00 |



| ELECTRICAL CHARACTERISTICS, WEIGHT AND ORDERING CODE | | | | | | | |
|---|-------------------------------|-----------------------------|--------------------------------|---|--|---------------|---------------|
| CAPACITANCE 120Hz CR [μF] | RATED VOLTAGE UR [V] | DIMENSIONS D x L [mm] | DISSIPATION FACTOR 120Hz | EQUIVALENT SERIES RESISTANCE 120Hz [Ω] | RATED CURRENT IR 120Hz, 85°C [mA] | WEIGHT [g] | ORDERING CODE |
| 33 | 35 | 5.0 x 11.0 | 0.12 | 5.79 | 123 | 0.5 | EKO00AA233F00 |
| 47 | 35 | 6.3 x 11.0 | 0.12 | 4.07 | 169 | 0.8 | EKO00BA247F00 |
| 100 | 35 | 8.0 x 11.5 | 0.12 | 1.91 | 291 | 1.1 | EKO00PB310F00 |
| 220 | 35 | 10.0 x 12.5 | 0.12 | 0.87 | 501 | 1.5 | EKO00DC322F00 |
| 330 | 35 | 10.0 x 16.0 | 0.12 | 0.58 | 672 | 2.0 | EKO00DC333F00 |
| 470 | 35 | 10.0 x 20.0 | 0.12 | 0.41 | 875 | 2.5 | EKO00DE347F00 |
| 1000 | 35 | 13.0 x 25.0 | 0.12 | 0.19 | 1633 | 4.5 | EKF00GG410F00 |
| 2200 | 35 | 16.0 x 31.5 | 0.14 | 0.10 | 2401 | 9.0 | EKO00JS422F00 |
| 3300 | 35 | 18.0 x 35.5 | 0.16 | 0.08 | 3065 | 13.0 | EKO00KL433F00 |
| 0.47 | 50 | 5.0 x 11.0 | 0.10 | 339.00 | 16 | 0.5 | EKO00AA047H00 |
| 1 | 50 | 5.0 x 11.0 | 0.10 | 159.00 | 23 | 0.5 | EKO00AA110H00 |
| 2.2 | 50 | 5.0 x 11.0 | 0.10 | 72.00 | 34 | 0.5 | EKO00AA122H00 |
| 3.3 | 50 | 5.0 x 11.0 | 0.10 | 48.00 | 42 | 0.5 | EKO00AA133H00 |
| 4.7 | 50 | 5.0 x 11.0 | 0.10 | 34.00 | 50 | 0.5 | EKO00AA147H00 |
| 10 | 50 | 5.0 x 11.0 | 0.10 | 15.90 | 72 | 0.5 | EKO00AA210H00 |
| 22 | 50 | 5.0 x 11.0 | 0.10 | 7.24 | 108 | 0.5 | EKO00AA222H00 |
| 33 | 50 | 6.3 x 11.0 | 0.10 | 4.83 | 151 | 0.8 | EKO00BA233H00 |
| 47 | 50 | 6.3 x 11.0 | 0.10 | 3.39 | 181 | 0.8 | EKO00BA247H00 |
| 100 | 50 | 8.0 x 11.5 | 0.10 | 1.59 | 311 | 1.1 | EKO00PB310H00 |
| 220 | 50 | 10.0 x 16.0 | 0.10 | 0.73 | 586 | 2.0 | EKO00DD322H00 |
| 330 | 50 | 10.0 x 20.0 | 0.10 | 0.48 | 784 | 2.5 | EKO00DE333H00 |
| 470 | 50 | 13.0 x 20.0 | 0.10 | 0.34 | 1098 | 3.8 | EKO00GE347H00 |
| 1000 | 50 | 16.0 x 25.0 | 0.10 | 0.16 | 1937 | 7.0 | EKO00JG410H00 |
| 2200 | 50 | 18.0 x 35.5 | 0.12 | 0.09 | 2823 | 13.0 | EKO00KL422H00 |
| 4.7 | 63 | 5.0 x 11.0 | 0.09 | 30.50 | 54 | 0.5 | EKO00AA147J00 |
| 10 | 63 | 5.0 x 11.0 | 0.09 | 14.30 | 78 | 0.5 | EKO00AA210J00 |
| 22 | 63 | 6.3 x 11.0 | 0.09 | 6.51 | 133 | 0.8 | EKO00BA222J00 |
| 33 | 63 | 6.3 x 11.0 | 0.09 | 4.34 | 163 | 163 | EKO00BA233J00 |
| 47 | 63 | 8.0 x 11.5 | 0.09 | 3.05 | 230 | 1.1 | EKO00PB247J00 |
| 100 | 63 | 10.0 x 12.5 | 0.09 | 1.43 | 390 | 1.5 | EKO00DC310J00 |
| 220 | 63 | 10.0 x 20.0 | 0.09 | 0.65 | 691 | 2.5 | EKO00DE322J00 |
| 330 | 63 | 13.0 x 20.0 | 0.09 | 0.43 | 994 | 3.8 | EKO00GE333J00 |
| 470 | 63 | 13.0 x 25.0 | 0.09 | 0.30 | 1893 | 4.5 | EKO00GG347J00 |
| 1000 | 63 | 16.0 x 31.5 | 0.09 | 0.14 | 2289 | 9.0 | EKO00JS410J00 |
| 0.47 | 100 | 5.0 x 11.0 | 0.08 | 271.00 | 17 | 0.5 | EKO00AA047L00 |
| 1 | 100 | 5.0 x 11.0 | 0.08 | 127.00 | 25 | 0.5 | EKO00AA110L00 |
| 2.2 | 100 | 5.0 x 11.0 | 0.08 | 58.00 | 37 | 0.5 | EKO00AA122L00 |
| 3.3 | 100 | 5.0 x 11.0 | 0.08 | 38.60 | 45 | 0.5 | EKO00AA133L00 |
| 4.7 | 100 | 5.0 x 11.0 | 0.08 | 27.10 | 54 | 0.5 | EKO00AA147L00 |
| 10 | 100 | 6.3 x 11.0 | 0.08 | 12.70 | 90 | 0.8 | EKO00BA210L00 |
| 22 | 100 | 8.0 x 11.5 | 0.08 | 5.79 | 157 | 1.1 | EKO00PB222L00 |
| 33 | 100 | 10.0 x 12.5 | 0.08 | 3.86 | 224 | 1.5 | EKO00DC233L00 |
| 47 | 100 | 10.0 x 16.0 | 0.08 | 2.71 | 293 | 2.0 | EKO00DD247L00 |
| 100 | 100 | 13.0 x 20.0 | 0.08 | 1.27 | 466 | 3.8 | EKO00GE310L00 |
| 220 | 100 | 13.0 x 25.0 | 0.08 | 0.58 | 885 | 7.0 | EKO00GG322L00 |
| 330 | 100 | 16.0 x 25.0 | 0.08 | 0.39 | 1202 | 7.0 | EKO00JG333L00 |
| 470 | 100 | 16.0 x 31.5 | 0.08 | 0.27 | 1569 | 9.0 | EKO00JS347L00 |

| ELECTRICAL CHARACTERISTICS, WEIGHT AND ORDERING CODE | | | | | | | |
|--|-------------------------------|-----------------------------|--------------------------------|---|--|---------------|---------------|
| CAPACITANCE 120Hz CR [μF] | RATED VOLTAGE UR [V] | DIMENSIONS D x L [mm] | DISSIPATION FACTOR 120Hz | EQUIVALENT SERIES RESISTANCE 120Hz [Ω] | RATED CURRENT IR 120Hz, 85°C [mA] | WEIGHT [g] | ORDERING CODE |
| 1 | 160 | 6.3 x 11.0 | 0.15 | 239.00 | 25 | 0.8 | EKO00BA110M00 |
| 2.2 | 160 | 6.3 x 11.0 | 0.15 | 109.00 | 37 | 0.8 | EKO00BA122M00 |
| 3.3 | 160 | 8.0 x 11.5 | 0.15 | 72.00 | 53 | 1.1 | EKO00PB133M00 |
| 4.7 | 160 | 8.0 x 11.5 | 0.15 | 50.80 | 63 | 1.1 | EKO00PB147M00 |
| 10 | 160 | 10.0 x 12.5 | 0.15 | 23.90 | 107 | 1.5 | EKO00DC210M00 |
| 22 | 160 | 10.0 x 20.0 | 0.15 | 10.90 | 189 | 2.5 | EKO00DE222M00 |
| 33 | 160 | 13.0 x 20.0 | 0.15 | 7.24 | 272 | 3.8 | EKF00GE233M00 |
| 47 | 160 | 13.0 x 20.0 | 0.15 | 5.08 | 325 | 3.8 | EKO00GE247M00 |
| 100 | 160 | 16.0 x 25.0 | 0.15 | 2.39 | 573 | 7.0 | EKO00JG310M00 |
| 220 | 160 | 18.0 X 35.5 | 0.15 | 1.09 | 1047 | 13.0 | EKO00KL322M00 |
| 2.2 | 250 | 8.0 x 11.5 | 0.15 | 109.00 | 46 | 1.1 | EKO00PB122N00 |
| 3.3 | 250 | 10.0 x 12.5 | 0.15 | 72.00 | 61 | 1.5 | EKO00DC133N00 |
| 4.7 | 250 | 10.0 x 12.5 | 0.15 | 50.80 | 73 | 1.5 | EKO00DC147N00 |
| 10 | 250 | 10.0 x 16.0 | 0.15 | 23.90 | 117 | 2.0 | EKO00DD210N00 |
| 22 | 250 | 13.0 x 20.0 | 0.15 | 10.90 | 222 | 3.8 | EKO00GE222N00 |
| 33 | 250 | 13.0 x 25.0 | 0.15 | 7.24 | 297 | 4.5 | EKO00GG233N00 |
| 47 | 250 | 13.0 x 25.0 | 0.15 | 5.08 | 393 | 4.5 | EKO00GG247N00 |
| 100 | 250 | 16.0 x 31.5 | 0.15 | 2.39 | 627 | 9.0 | EKO00JS310N00 |
| 2.2 | 350 | 10.0 x 12.5 | 0.20 | 145.00 | 50 | 1.5 | EKO00DC122O00 |
| 3.3 | 350 | 10.0 x 12.5 | 0.20 | 97.00 | 61 | 1.5 | EKO00DC133O00 |
| 4.7 | 350 | 10.0 x 12.5 | 0.20 | 68.00 | 73 | 1.5 | EKO00DC147O00 |
| 10 | 350 | 10.0 x 20.0 | 0.20 | 31.80 | 128 | 2.5 | EKO00DE210O00 |
| 22 | 350 | 13.0 x 25.0 | 0.20 | 14.50 | 242 | 4.5 | EKO00GG222O00 |
| 33 | 350 | 13.0 x 25.0 | 0.20 | 9.65 | 297 | 4.5 | EKO00GG233O00 |
| 47 | 350 | 16.0 x 25.0 | 0.20 | 6.78 | 393 | 7.0 | EKO00JG247O00 |
| 100 | 350 | 18.0 x 40.0 | 0.20 | 3.18 | 741 | 16.0 | EKO00KK310O00 |
| 2.2 | 400 | 10.0 x 12.5 | 0.20 | 145.00 | 50 | 1.5 | EKO00DC122X00 |
| 3.3 | 400 | 10.0 x 12.5 | 0.20 | 97.00 | 61 | 1.5 | EKO00DC133X00 |
| 4.7 | 400 | 10.0 x 16.0 | 0.20 | 68.00 | 80 | 2.0 | EKO00DD147X00 |
| 10 | 400 | 13.0 x 20.0 | 0.20 | 31.80 | 150 | 3.8 | EKO00GE210X00 |
| 22 | 400 | 13.0 x 25.0 | 0.20 | 14.50 | 282 | 4.5 | EKO00GG222X00 |
| 33 | 400 | 16.0 x 25.0 | 0.20 | 9.65 | 329 | 7.0 | EKO00JG233X00 |
| 47 | 400 | 16.0 x 35.5 | 0.20 | 6.78 | 451 | 11.0 | EKO00JL247X00 |
| 1.0 | 450 | 8.0 x 11.5 | 0.20 | 266.00 | 26 | 1.1 | EKO00PB110P00 |
| 2.2 | 450 | 10.0 x 12.5 | 0.20 | 145.00 | 45 | 1.5 | EKO00DC122P00 |
| 3.3 | 450 | 10.0 x 16.0 | 0.20 | 97.00 | 60 | 2.0 | EKO00DD133P00 |
| 4.7 | 450 | 10.0 x 20.0 | 0.20 | 68.00 | 78 | 2.5 | EKO00DE147P00 |
| 10 | 450 | 13.0 x 20.0 | 0.20 | 31.80 | 134 | 3.8 | EKO00GE210P00 |
| 22 | 450 | 16.0 x 25.0 | 0.20 | 14.50 | 240 | 7.0 | EKO00JG222P00 |
| 33 | 450 | 16.0 x 31.5 | 0.20 | 9.65 | 322 | 9.0 | EKO00JS233P00 |
| 47 | 450 | 16.0 x 35.5 | 0.20 | 6.78 | 403 | 11.0 | EKO00JL247P00 |



| PACKAGING UNITS | | | | | |
|-----------------|---------|------------|-----------|------|---------------|
| SIZE CODES | | BULK | | AMMO | VOLTAGE CODES |
| | | LONG LEADS | CUT LEADS | | |
| AA | 5*11 | 7000 | 7000 | 2000 | C = 10V |
| BA | 6.3*11 | 6000 | 6000 | 1500 | D = 16V |
| PB | 8*11.5 | 3600 | 3600 | 1000 | E = 25V |
| DC | 10*12.5 | 2400 | 800 | 500 | F = 35V |
| DD | 10*16 | 2000 | 700 | 500 | H = 50V |
| DE | 10*20 | 1600 | 500 | 500 | J = 63V |
| GE | 13*20 | 1000 | 300 | 400 | L = 100V |
| GG | 13*25 | 900 | 250 | 400 | M = 160V |
| JG | 16*25 | 500 | 150 | 250 | N = 250V |
| JS | 16*31.5 | 500 | 150 | 250 | O = 350V |
| JL | 16*35.5 | 400 | 100 | 250 | X = 400V |
| KL | 18*35.5 | 300 | 100 | 125 | P = 450V |
| KK | 18*40 | 300 | 80 | | |