

Cost Sheet

| S.No | Item Description | Dia | Length | Width | Thickness | Qty/bty | Units of Purchase | Density | Area | Volume | Weight/ SFT |
|------|----------------------------------------------|-----|--------|-------|-----------|---------|-------------------|---------|------|--------|-------------|
| 1 | LID | | | | | | | | | | |
| 1.1 | LID BLANK | | | | | 1 | | | | | |
| 1.2 | DELIVER PIN | | | | | 4 | | | | | |
| 1.3 | GLASS TO METAL SEAL | | | | | | | | | | |
| 2 | LID ASSEMBLY-A | | | | | | | | | | |
| 2.1 | Lid | | | | | 1 | NO's | | | | |
| 2.2 | Tie wire | | 100.0 | 6 | 0.3 | 3 | gms | 9 | 8.16 | 0.24 | 0.00648 |
| 2.3 | Glass Textolyte Disc (Pin Isolater) | | | | | 1 | NO's | | | | |
| 2.4 | Pin Connectors | | | | | 2 | NO's | | | | |
| 2.5 | Lead for Anode | | 100.0 | 6 | 0.15 | 3 | gms | 9 | 8.16 | 0.1224 | 0.003305 |
| 2.6 | Lead for Cathode | | 100.0 | 6 | 0.15 | 2 | gms | 9 | 8.16 | 0.1224 | 0.002203 |
| 3 | SQUIB ASSEMBLY | | | | | | | | | | |
| 3.1 | Squib Terminals | | 50 | 6 | 0.15 | 2 | gms | 9 | 4.16 | 0.0624 | 0.001123 |

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|-----|-------------------------------------------------------|----|--|--|------|------|------|------|------|--------|----------|
| 3.2 | Squib | | | | | 1 | NO's | | | | |
| 3.4 | FX-70 disc | 28 | | | 1.6 | 3 | SFT | | 900 | | 0.00963 |
| 3.5 | Glass Textolyte Disc-A(Top) | | | | | 1 | NO's | | | | |
| 3.6 | Glass Textolite Disc-A (Bottom) | | | | | 1 | NO's | | | | |
| 3.7 | Silicon Bonded Mica Disc | 28 | | | 1 | 13 | NO's | 2.15 | 9.0 | 0.9 | 0.025155 |
| 4 | TOP ASSEMBLY | | | | | | | | | | |
| 4.1 | Mica Disc | | | | | 1 | NO's | | | | |
| 4.2 | HEAT PELLET-2 | 28 | | | 0.63 | 6 | gms | 4.00 | 6.15 | 0.39 | 9.24 |
| 4.3 | Fiberfrox Disc | 28 | | | 1.6 | 7 | SFT | | 900 | | 0.00963 |
| 4.4 | S.S Disc (0.8mm) | | | | | 1 | NO's | | | | |
| 5 | CELL ASSEMBLY | | | | | | | | | | |
| 5.1 | Current collectors S.S Disc (0.05mm) - Anode | 26 | | | 0.05 | 17.0 | gms | 8 | 6.15 | 0.0308 | 0.004189 |
| 5.2 | Current collectors S.S Disc (0.05mm) - Cathode | 28 | | | 0.05 | 17.0 | gms | 8 | 6.15 | 0.0308 | 0.004189 |
| 5.3 | Anode pellets | 26 | | | 0.46 | 17.0 | gms | | 5.31 | 0.2443 | 4.42 |

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|-----|--------------------------------------|----|-------|---|------|------|------|------|------|------|---------|
| 5.4 | Cathode pellets | 28 | | | 0.46 | 17.0 | gms | | 6.15 | 0.28 | 13.43 |
| 5.5 | Electrolyte pellets | 28 | | | 0.48 | 17.0 | gms | | 6.15 | 0.3 | 9.35 |
| 5.6 | Heatpellet - 1 | 28 | | | 0.67 | 17.0 | gms | | 6.15 | 0.41 | 27.2 |
| 5.7 | Current collectors for Anode | 28 | | | 0.15 | 2 | gms | 9 | 17.0 | 0.26 | 0.00468 |
| 5.8 | Current Collectors for Cathode | 28 | | | 0.15 | 2 | gms | 9 | 17.0 | 0.26 | 0.00468 |
| 6 | BOTTOM ASSEMBLY | | | | | | | | | | |
| 6.1 | Mica Disc | | | | | 2 | NO's | | | | |
| 6.2 | HEAT PELLET - 3 | 28 | | | 0.59 | 5 | gms | 0.58 | 6.15 | 0.36 | 7.05 |
| 6.3 | Fiberfro Disc | 28 | | | 1.6 | 6 | SFT | | 900 | | 0.00963 |
| 6.4 | S.S Disc(0.8mm) | | | | | 1 | NO's | | | | |
| 6.5 | Brace Plate | | | | | 1 | NO's | | | | |
| 7 | TIE WIRE CRIMPING | | | | | | | | | | |
| 7.1 | Stack pyro Wicks-02 | | 100.0 | 6 | 0.15 | 3 | gms | | 8.16 | 0.12 | 0.00054 |
| 7.2 | Flexible Samica Strips for Tie wires | | 100.0 | 6 | 0.15 | 6 | gms | 1.5 | 8.16 | 0.12 | 0.00108 |

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|-----|--------------------------------------|------|-------|-------|-----|-----|------|------|---------|------|----------|
| 7.3 | Mica Strips for Tie wire | | | | | 3 | NO's | | | | |
| 7.4 | Mica Strips for Leads | | | | | 4 | NO's | | | | |
| 8 | STACK WRAP | | | | | | | | | | |
| 8.1 | Fiberfrox strips Stack Wrap | | 100.0 | 96.71 | 1.6 | 2 | SFT | | 19342.0 | | 0.206959 |
| 8.2 | Glass Cloth Tape | | | | | 1 | | | | | |
| 8.3 | Glass Cloth Gum Tape | | | | | 1 | | | | | |
| 8.4 | Flexible Samica Wrap | | 100.0 | 96.71 | 0.1 | 2 | gms | 1.5 | 96.71 | 0.97 | 0.00291 |
| 9 | CONTAINER ASSEMBLY | | | | | | | | | | |
| 9.1 | Container | | | | | 1 | NO's | | | | |
| 9.2 | Fiberfrox strip Container Insulation | | 100.0 | 96.71 | 1.6 | 2.0 | SFT | | 19342.0 | | 0.206959 |
| 9.3 | Silicon Bonded mica disc for Housing | 38.0 | | | 1.0 | 9 | gms | 2.15 | 16.0 | 1.6 | 0.03096 |
| 9.4 | Fiberfrox Disc | 28 | | | 1.6 | 8 | SFT | | 900 | | 0.00963 |
| 9.5 | Battery Cap | | | | | 1 | NO's | | | | |
| 9.6 | Argon gas cylinders | | | | | 0.2 | cum | | | | |

[illegible]

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|---|-------------|----|--|--|--|--|--|--|--|--|----------|
| f | Mgo | 20 | | | | | | | | | 0.000739 |
| 3 | Electrolyte | | | | | | | | | | |
| a | EB(60:40) | | | | | | | | | | |
| b | Licl | 45 | | | | | | | | | 0.002777 |
| c | KCl | 55 | | | | | | | | | 0.003394 |
| d | Mgo | 40 | | | | | | | | | 0.004114 |
| 4 | Heat pellet | | | | | | | | | | |
| a | Fe | 87 | | | | | | | | | 0.0416 |
| b | Kclo4 | 13 | | | | | | | | | 0.006219 |
| | | | | | | | | | | | |