

Established in 1993, 3F Electronic Industrial Corp. is dedicated to integrating manufacturing with trading, and devoted to delivering outstanding wires, cables, insulating tubes, wire accessories and solutions to our clients.

What are the reasons behind the clients' choice to select 3F products and services? Compared to 3F Ltd.'s competitors, what are the unique features 3F has that attract our clients?

3F was founded by a group of youthful professionals and professors who are enthusiastic about physics! Born from a new physics theory and formula on the conductivity of conductors and current capacity through wires, 3F established and persists in our objective: To innovate and produce special wires and cables that are "*thermal resistant, super-thin, and eco-friendly*" for industrial purposes. We seek to deliver larger energy with the least resources through our wires.

3F's enterprise culture:

*With our passion to encourage the people around us.*

*With our enthusiasm to change the world better.*

Proactively offering service to clients. **Fast, Flexible, and Feedback** are the key elements that define us, which is why we named the 3F Ltd.

## 1. Clients' First and Exceptional Quality Assurance Ability

3F strictly follows the standards of **IATF16949 and ISO 9001**.

Implement **APQP + PPAP system**.

The key is that the quality assuring system will be run twice within 3F: the production factory would implement the APQP + PPAP system and deliver to the 3F supporting system, then, the 3F supporting system would run through the APQP+PPAP system again to ensure the quality of the final product.

What is special about us: Every time before delivering the final product to clients, the responsible client representative of 3F would inspect the products' quality control on behalf of the client with their concerns. We have 80+ client representatives in 3F Ltd that provide service to 1900 clients.

We, 3F Ltd, have put in exceedingly high effort beyond the industry average on our quality assurance system.

## 2. 3F's Distinctive Production Capacity

3F was constructed by 7 function factories: the General Wires and Cables manufacture factory, the Insulate Casing Pipe manufacture factory, the Vehicle Wires manufacture factory, the Military Cable and Wires manufacture factory, the Rubber Wires manufacture factory, the Bare Wires manufacture factory, and the Electron Radiation Accelerator Center.

The factories have the capacity to produce **400mn meters of cables and wires**, using approximately 3 kilotons of material monthly.

3F has 3 electron accelerators to operate at the same time, and a spare accelerator as backup. With our advanced radiation process technology, enabled 3F to produce products with a more stable quality, and a more uniform cross-link process.

## 3. Swift Lead Time

For the wires and cables that do not require braiding, radiation, or shielding, we can deliver the products **within 24 hours of ordering!**

For products that require radiation process, such as XLPVC, XLPE, XLPO, XLPVDF, XLETFE, XLEPDM, and etc, insulating materials, we are able to deliver the product **within 72 hours**.

For wires and cables that require braiding or shielding, our fastest lead time is **72 hours!**

For products that include multi-core cables, yarn filling, polyester strips or insulating paper filling, wrapping, cross-wrapping, weaving or shielding, and equivalent crafts, our fastest lead time is **72 hours** from ordering!

## 4. Outstanding Innovation Ability and Bespoke Products for Clients

3F constructed our own wire and cable laboratory, technical center and quality control center: Allowing 3F to have **over 300 new material codes every month, 1800 new technical documents** (including the technical description, technical requirement, specifications, QC Schedule, DFMEA, PFMEA, PPK, S&P, etc.)

Each manufacturing factory has its own engineering technology center, to transform our client's needs into a special techniques management plan, to ensure the client's demands are fully satisfied.

3F applies over 6 patents annually and spends over \$4mn on research and development budget every year for innovation. We persistently introduce new products to the market over the past 30 years.

## 5. 3F's Sincere Customer Service and Prompt Feedback

All concerns from clients regarding our product packaging, product quality, lead time and service, will be discretely handled by our client representatives (or customer service manager) and entered into the **3F ERP Client 8D system**.

For any concerns related to supply chain management, quality control, or production, the corresponding department would instantaneously receive alerts from the system. Each department should immediately check the initial production approval and double check the quality of the sample, inspect the production log, verify the quality of the final production confirmation and verify the genuineness of the relevant inspection report. 3F seeks to respond to our clients immediately and provide our clients with valuable solutions.

## 6. 3F's Strong Production Competitiveness

The materials 3F uses for production are supplied by manufacturers listed on the Fortune Global 500. 3F adapts open tendering for our suppliers and selects the most reliable supplier at a modest price to be our primary supplier. 3F seeks to closely cooperate and build partnerships with our suppliers to strengthen 3F's competitiveness in the global market.

If the clients seek to lower their cost of production, 3F can introduce the most suitable products, and the most cost-effective insulated materials or specifications allowing our clients to reduce the cost while ensuring the product quality stays constant, and ultimately improving the products' competitiveness.

3F has our own copper rod processing factory and accelerator radiation center. As over 80% of the cost for wire production is the copper conductor, 3F Ltd. controls the crucial cost factor of our products, giving us the advantage in cost to compete in the market!