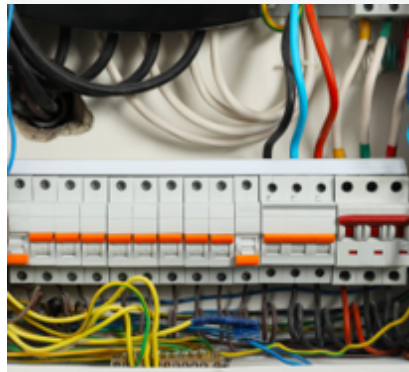
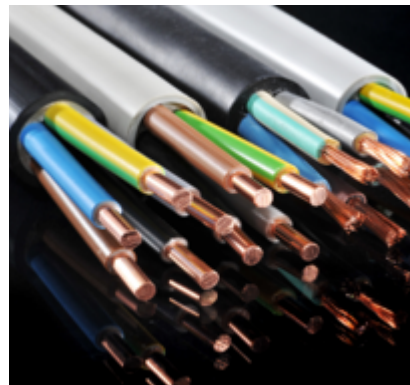


Wire & Cable Line Card

Materials That Keep Power Moving

Key Markets & Applications

As wire and cable markets face higher performance demands, the right materials can make all the difference. Channel Prime Alliance's portfolio of plastic resins deliver proven solutions for insulation, jacketing and specialized applications that support reliable, high performing wire and cable designs. As a trusted distribution partner, we help connect you to the right materials for your production and performance goals.

Data Center Infrastructures

As data center demand accelerates, wire and cable systems must deliver reliable power distribution, signal integrity, and long-term performance in highly controlled yet demanding environments.

-  **Power Cables**
-  **Fiber Optic & High-Speed Data Cables**
-  **Control Wiring**
-  **Equipment Interconnect & Jumper Cables**

BENEFITS

-  Electrical insulation
-  Flame-retardant performance
-  Flexibility
-  Thermal stability

Transportation

Transportation applications rely on advanced wire and cable systems to support efficient electrification, connectivity, and performance across increasingly complex products including off road and electric vehicles.

-  **Wire Harnesses**
-  **Sensor & Data Cables**
-  **Battery & Power Cables**
-  **Charging & Auxiliary Power Cables**

BENEFITS

-  Lightweight
-  Customizable shaping
-  Chemical & fluid resistance
-  Heat resistance for elevated temperatures

Telecommunications

Telecommunications infrastructure requires high-performance cabling to support data transmission, network reliability, with the growth in expanding global connectivity.

-  **Fiber Optic Cables**
-  **Ethernet Cables**
-  **Coaxial Cables**
-  **Power & Signal Cables**

BENEFITS

-  Flexibility
-  Environmental resistance
-  Insulation & electrical integrity
-  Abrasion & mechanical protection

Industrial

Industrial wire and cable application demand materials capable of withstanding harsh conditions, mechanical stress and continuous operations.

-  **Oil & Gas**
-  **Robotics**
-  **Mining & Manufacturing**
-  **Utility & Energy Distribution**

BENEFITS

-  Electrical insulation
-  Abrasion & impact resistance
-  Chemical & oil resistance
-  Durability in extreme temperatures & environments

Appliances

Modern day appliances and consumer goods are becoming more dependent wire and cable components to ensure product performance, safety and long-term reliability for everyday use.

-  **Internal Wiring**
-  **Control & Signal Wiring**
-  **Power Cords**
-  **Heating Elements & Motor Leads**

BENEFITS

-  Flexibility
-  Consistency & processability
-  Heat resistance
-  Insulation & safety performance

Building & Construction

With building and construction on the rise, wire and cable systems require materials that deliver on safety, durability, and compliance across residential, commercial and industrial developments.

-  **Fire Alarm Cables**
-  **Smart Building Systems**
-  **Power Distribution Cables**
-  **Low Voltage & Signal Wiring**

BENEFITS

-  Mechanical protection
-  Insulation integrity
-  Flame-retardant performance
-  Environmental resistance for indoor/outdoor use

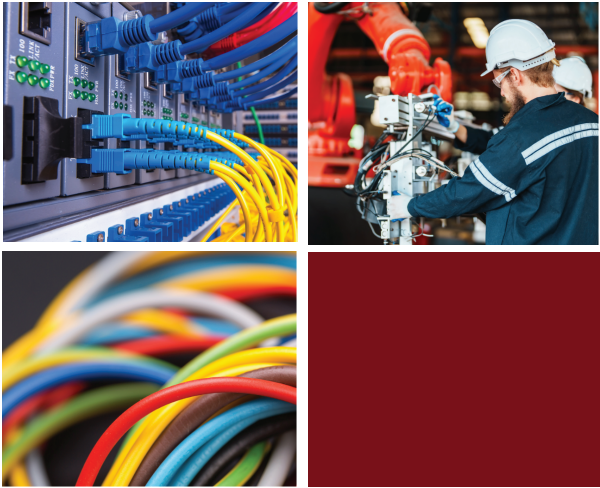
Engineered Thermoplastics Portfolio

Engineering thermoplastics (ETPs) help meet the increasing performance demands of wire & cable systems by delivering **enhanced thermal stability, mechanical durability, and long-term reliability**.

Supplier	Brand	Material Group	Related Applications
BASF	Elastollan®	TPU	Industrial & robotics cables, jacketing, coil cord & retractable cables
Celanese	Ateva®	EVA	Insulation, jacketing, FR wire compounds
Celanese	HytreI®	TPC	Cable jackets, EV & hybrid charging cables, sensor cables, PVC additive
Celanese	Selar®	PA6	Cable insulation, jacketing, wire harness protection, cable protection tubing
Celanese	Celanex®	PBT	Electrical connectors, fiber optic cable components, cable management
Celanese	ThermX®	PCT	High-temperature electrical connectors, power distribution components, cable connector housings, fiber optic components
Celanese	Celanyl®, Ecomid®, Frianyl®, Zytel®	PA6, PA66 & PA612	Insulation & jacketing, wire loon systems, terminal housings, cable retention components, power cables
Celanese	Santoprene®	TPV	Jacketing/sheathing, connector seals & gaskets, charging cables, Photovoltaics (PV)
Envalior	Akulon® & Durethan®	PA6 & PA66	Insulation & jacketing, wire loon systems, terminal housings, cable retention components, power cables
Envalior	Arnite®	PBT	Electrical connectors, fiber optic cable components, cable management
Envalior	Xytron®	PPS	High-temperature electrical connectors, connector housings
Envalior	Arnitel®	TPC	Cable jackets, EV & hybrid charging cables, sensor cables
LG Chem	LUPOY®	PC/ABS	Cable connectors & housings, electrical junction boxes, panels & covers
LG Chem	LUPOX®	PC/PBT	Cable connector housings, power connector bodies, clips & retainers, enclosures
LG Chem	LUMILOY®	mPPE	Electrical connector housings, fiber optic connectivity components, data center equipment, terminal block housings
Lotte	INFINO®	PC/ABS	Cable connectors & housings, electrical junction boxes, panels & covers
Lotte	INFINO®	PC/PBT	Cable connector housings, power connector bodies, clips & retainers, enclosures
Ravago Manufacturing Americas	HYLON®	PA66	Insulation & jacketing, wire loon systems, terminal housings, cable retention components, power cables
Ravago Manufacturing Americas	HYBRID	PC/ABS	Cable connectors & housings, electrical junction boxes, panels & covers
Trinseo	EMERGE™ & PULSE™	PC/ABS	Cable connectors & housings, electrical junction boxes, panels & covers
Westlake	PVC Compounds	PVC Compounds	Wire insulation, cable jacketing, flexible cords & extension cables

Polyolefins Portfolio

Polyolefins provide the foundation for many wire & cable products by offering a combination of electrical **insulation**, **flexibility**, and **durability to support modern infrastructure and connectivity**.



Supplier	Brand	Material Group	Related Applications
Braskem	Braskem & Inspire® PP	PP	Wire insulation, cable separators, low voltage power & control cable components
ExxonMobil	ExxonMobil EMA	EMA	Enhanced bonding, softness, compounding & adhesion
ExxonMobil	ExxonMobil EnBA	EnBA	Enhanced bonding, softness, compounding & adhesion
ExxonMobil	ExxonMobil EVA	EVA	Cable jacketing, insulation compounding, semi-conductive shields, protection layers
ExxonMobil	Exact™	POE	Flexible insulation & jacketing, automotive wire & cable compounds, cable layers
ExxonMobil	Vistamaxx™	POE	Flexible insulation & jacketing, automotive wire & cable compounds, cable layers
ExxonMobil	HDPE	HDPE	Cable jacketing, underground cables, fiber optic jacketing
ExxonMobil	LDPE	LDPE	Electrical insulation, low voltage power cables
ExxonMobil	LLDPE	LLDPE	Insulation layers, barrier jacketing, telecommunications cables
ExxonMobil	ExxonMobil & Exceed™ PP	PP	Wire insulation, cable separators, low voltage power & control cable components
Ineos	Ineos PP	PP	Wire insulation, cable separators, low voltage power & control cable components



At Channel Prime Alliance, we're here to make resin distribution seamless. Our team offers resourceful solutions, dependable service, and a personalized approach that takes your projects further, every step of the way. With a diverse product line, strong technical support, and a commitment to reliability, we're more than a distributor— we're your partner for success across the Americas.

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