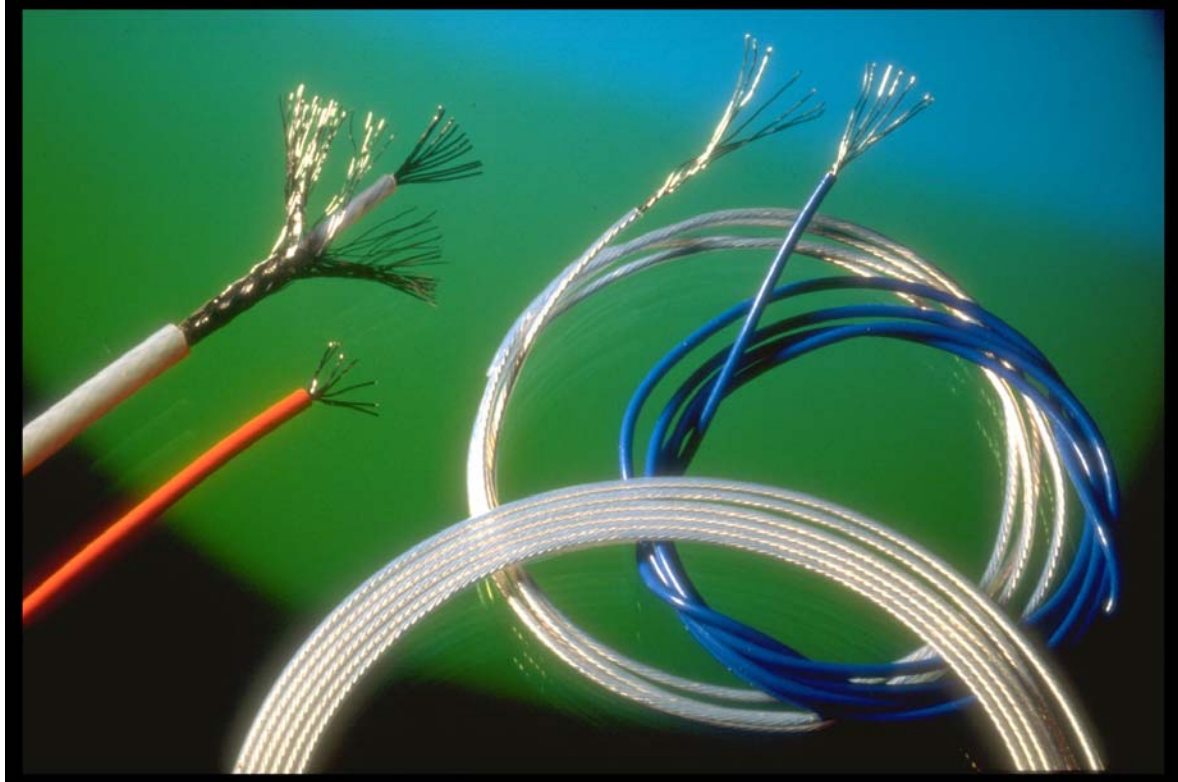


DuPont presents a broad portfolio of material solutions at Wire 2008



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Photo: DuPont

DuPont will exhibit a comprehensive portfolio of high performance materials and new technologies for the wire and cable industry at Wire 2008.

This picture may be downloaded in high resolution at:
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DuPont presents a broad portfolio of material solutions at Wire 2008

Stevenage, February 2008. The breadth and depth of material and technological solutions available from DuPont for the wire and cable industry will be on display at Wire 2008 in Düsseldorf, Germany, 31 March - 4 April 2008. The company's exhibit at stand G62 in Hall 11 will centre on its range of industrial polymers for improved performance in wire and cable compounds; the insulating capabilities of its fluoropolymer resins under the harshest environmental conditions; and its portfolio of speciality thermoplastics for extruded, high-performance insulation and/or jacketing applications. A presentation of the impregnating resins, wire enamels and core sheet varnishes developed by DuPont Electrical Insulation Systems rounds off the DuPont show exhibit.

DuPont modifiers for improved wire and cable compound performance

DuPont™ Fusabond® coupling agents enable compounders to improve both mechanical properties and flame retardancy by allowing increased filler levels in halogen-free, flame retardant and low-smoke insulation and jacketing compounds.

Making its debut at Wire 2008, Fusabond® NMO525D enhances compound flexibility by around 50 percent versus standard coupling agents, while maintaining high tensile strength and elongation at break. DuPont will also use the show to promote the use of Elvaloy® ethylene based terpolymers in halogen-free, flame-retardant cables to provide improved oil and chemical resistance and low temperature flexibility.

DuPont fluoropolymers for electrical insulation

Innovations in fluoropolymers, to be presented at Wire 2008, include new products and technologies for low-loss DuPont Teflon® PTFE and FEP wire constructions. A new foam grade, Teflon® FEP TE 9810, produces smaller, better dispersed and more homogenous voids, compared to previous Teflon® foam grades, for enhanced electrical properties in wires with melt extruded fluoropolymer insulations.

Depending on the construction, this grade, Teflon® FEP TE 9810, has the ability to be self skinning, offering production of cost-effective, high-performance foam insulation for data cables. Meanwhile a new, licensable extrusion technology from

DuPont incorporates air into the extruded Teflon[®] PTFE insulation for higher performance, low-loss data cables.

High performance extrusion solutions for wire and cable

As part of the DuPont exhibit for Wire 2008, DuPont Engineering Polymers will present a number of extrudable, speciality materials for the wire and cable industry, including DuPont[™] Zytel[®] nylon resins, DuPont[™] Crastin[®] PBT thermoplastic polyester resins and DuPont[™] Hytrel[®] thermoplastic polyester elastomer resins and DuPont[™] ETPV engineering thermoplastic vulcanizate. They are used in the development of finished products for either insulation and/or jacketing applications, as well as for straight or coiled cables with enhanced elastic memory recovery over a wide temperature range, which meet stringent requirements at an attractive final cost. End-use industries include automotive, transportation, robotics, appliance, shipyard, oil and alternative energies, to name a few.

DuPont is a science-based products and services company. Founded in 1802, DuPont puts science to work by creating sustainable solutions essential to a better, safer, healthier life for people everywhere. Operating in more than 70 countries, DuPont offers a wide range of innovative products and services for markets including agriculture and food; building and construction; communications; and transportation.

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