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Electrical

### **Electrical Expo**

The electrical expo held at the Valley Forge Casino Resort on Wednesday October 23 showcased a lot of new products available for us to learn about. Some of the new products showcased at the expo were Aluminum conduit, Fire resistant clothing, and a new type of wire nut.

A company introduced new aluminum conduit at the expo. This conduit is lighter, cheaper, and easier to bend than the standard conduit in the industry. The company had many examples to prove how much lighter it was, and they also had a banding station for the people at the event to try out and see for themselves how much easier it is to bend. Along with it being lighter and cheaper it still has the same safety ratings.

Fire resistant clothing was also introduced at the expo by Bulwack FR. This company makes self-extinguishing fire-resistant clothing. They make everything from hoodies, long sleeve shirts, and even jeans. Their goal is to make light weight but safe clothing materials for you to wear on the job. They also work in partnership with some top companies such as Timberland. Within that partnership they make fire resistant boots.

The final product that was very interesting was a new brand of wire nut by Wago. This wire nut is a push wire connectors which is different than anything else in the industry. With all the other wire nuts you must twist your conductors together in a splice to connect all the wire together. With the new wire nuts by Wago you won't ever have to splice again. All that is required is to strip the end of the conductor and they push it into the wire nut and that's all that is needed. This new product is such a time saver in on the job work and is becoming more standard in the industry today.

In conclusion, the products showcased at the electrical expo are game changing in the industry and were very interesting to learn about from the companies.