OnCap™ FastMark™ Laser Marking Additives
For Wire and Cable

The ability for manufacturers and end users to quickly and correctly identify wire and cable is critical in meeting regulatory requirements, providing safety during installation and repairs, and simplifying logistics. There are several marking technologies available to manufacturers that enable wire and cable identification. If you’re considering laser marking, we can help.

Our OnCap™ FastMark™ additives and Smartbatch™ solutions for laser marking can help you:
- Achieve permanent markings that are resistant to solvents, oils and abrasion
- Reduce scrap or reruns caused by illegible marks
- Save time and costs associated with cleaning and maintenance of equipment
- Avoid handling and inventory of messy and hazardous inks and solvents

**HOW DOES LASER MARKING WORK?**
Laser marking additive technologies are incorporated into the insulation or jacketing polymer material. When the laser strikes the material, it results in a permanent, contrasting mark that doesn't alter the physical, mechanical or functional properties of the cable.

**HOW DOES LASER MARKING AFFECT EXTRUSION SPEEDS?**
Recent developments by leading manufacturers of laser marking equipment enable high-speed marking “on the fly” (continuous processing) with fiber laser technology at rates of up to 1300 feet/minute.

**HOW CAN SMARTBATCH WITH ONCAP FASTMARK ADDITIVES IMPROVE QUALITY AND EFFICIENCY?**
By combining FastMark technologies with your color design, Smartbatch provides a drop-in solution that adds the flexibility of multiple marking colors to contrast with your jacket or insulation color choice.
In addition, laser marking replaces ink jet printing or hot stamp foil methods which are often the source of scrap, downtime and other unnecessary costs.
VALUE DELIVERED

• High-quality resolution and contrast
• Flexibility in color choice for customization and differentiation
• Cost reduction through less scrap and improved line speed
• Regulatory compliance through durable, permanent markings

TYPICAL APPLICATIONS

OnCap FastMark laser marking additives and Smartbatch solutions are compatible with multiple laser types. PolyOne collaborates closely with leading laser marking equipment manufacturers – contact us for support in implementing laser marking in your production facility.

To learn more about OnCap FastMark laser marking technology and Smartbatch solutions, contact PolyOne at +1 866 POLYONE (1-866-765-9663)