## AGC Chemicals Americas, Inc.: New Eco-Friendly Laser Marking Solutions For Fluoropolymer Applications

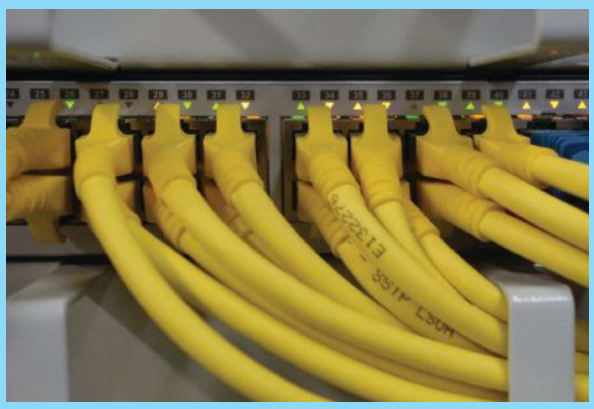
At the *2024 IWCS Supplier Exhibition*™, **AGC Chemicals Americas, Inc.**, Exton, PA, USA, introduced Fluon+™ IR-MARK and UV-MARK laser marking additives for wire and cable jacketing applications.

Environmentally friendly laser marking has several key advantages over print marking, including noncontact application and faster processing. Because laser marking does not require ink, it eliminates the need for hazardous print solvents, viscosity and tint-strength adjustments, surface pretreatment and post-application curing. Additionally, when used with an additive system, laser marking does not damage the plastic cladding material.

Fluon+ IR-MARK and UV-MARK products are designed to enhance laser marking efficiency by reducing power usage and increasing print speed, while minimizing heat damage. These products are available as concentrates for let-down stability in fluoropolymer resins, including FEP, ETFE and PFA.

Fluon+ IR-MARK and UV-MARK products contain susceptor materials that boost the reflectivity of the base material and focus laser energy to optimize the marking process. The laser energy is concentrated just below the surface of the cladding. This allows operators to mark wire and cable jacketing using the lowest laser power setting, ensuring maximum efficiency and minimal damage, which is particularly important for infrared applications.

All standard Fluon+ IR-MARK and UV-MARK products are



now available in stand-alone, ready-to-use concentrated forms. Custom products, such as ready-to-use or other base resins, are available upon request.

**www.agcchem.com**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