

SOLUTIONS FOR FIBER OPTIC CABLE

Engineered Fibers, Color & Additives, Specialty Engineered Materials

JACKET

Color formulations for PVC, PE, TPU, TPC

UV protective additives

Non-halogenated colors for LSFOH

LSFOH UV formulations for high flame retardancy, chemical and UV resistance, low COF

TPE

Polyamide, custom polyolefins

UNDER-ARMOR RIPCORD

Slices easily through armor

Swellable, non-wicking, available in colors

BINDER YARN

Flat, low-profile

Highly absorbent (up to 65x its weight)

BUFFER TUBE SWELLABLE YARN

Cleaner than gel

Highly absorbent

WATER SWELLABLE FRP

Non-corrosive, non-conductive,

No flaking or shedding

Overcoat and upjacketing available

LOOSE TUBES, TIGHT BUFFERS AND MICRO-MODULES

LSFOH UV formulations for improved processing speeds, strippability & gel resistance

Customized formulations:

PBT

PP

TPE

Color formulations for polyamide, PBT, LSFOH, TPE, TPC (Thermoplastic Copolyester)

Laser marking additives

STRENGTH MEMBER

Aramid or fiberglass yarn

Processes cleanly with minimal dust

UNDER-SHEATH RIPCORD

Swellable, non-wicking

Available in colors for easy identification

LASER MARKING ADDITIVES

Provide good contrast in black outer jacket for outdoor exposure

AVIENT CORPORATION



This design and rendering were produced by Avient Design for conceptual purposes.