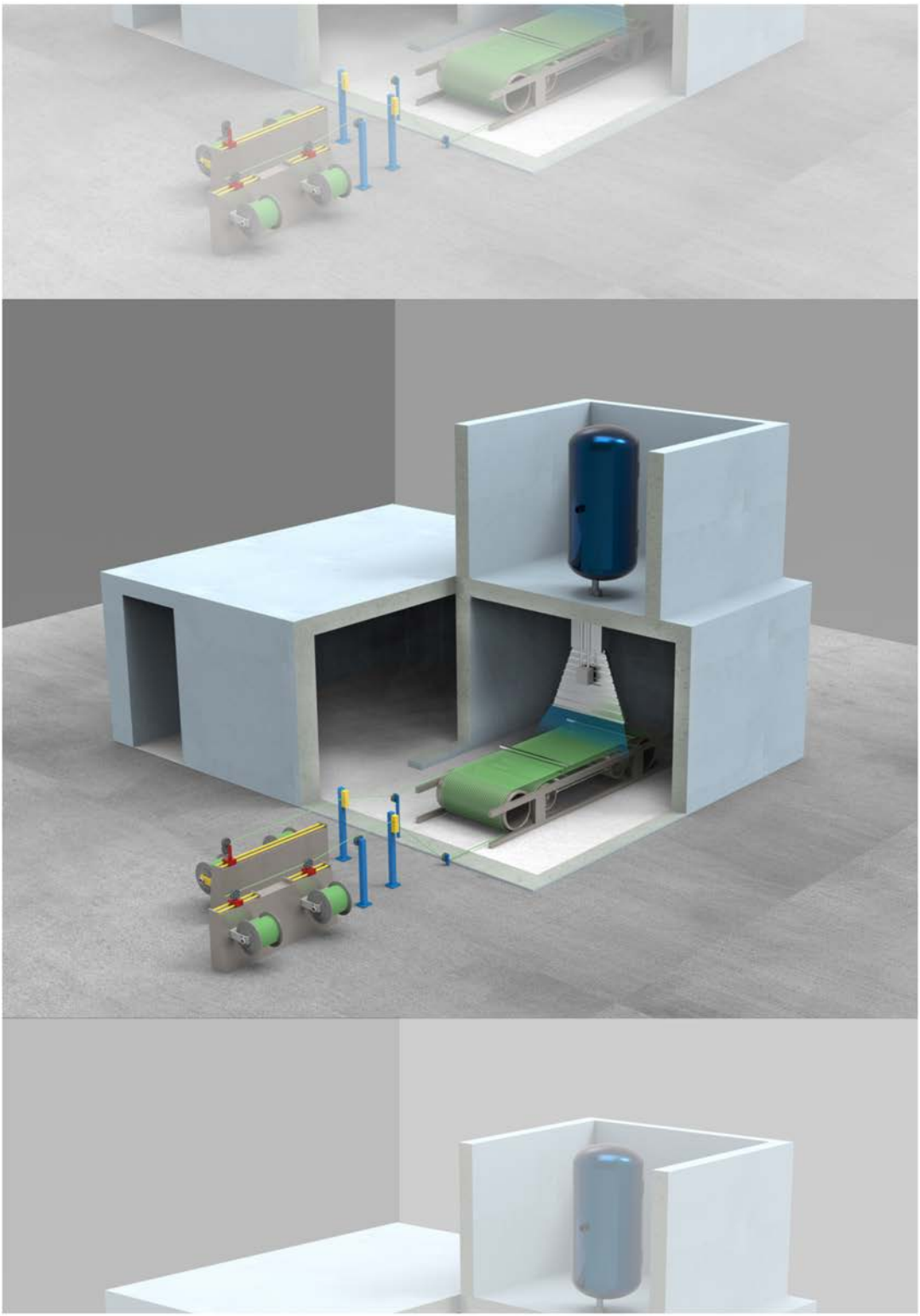
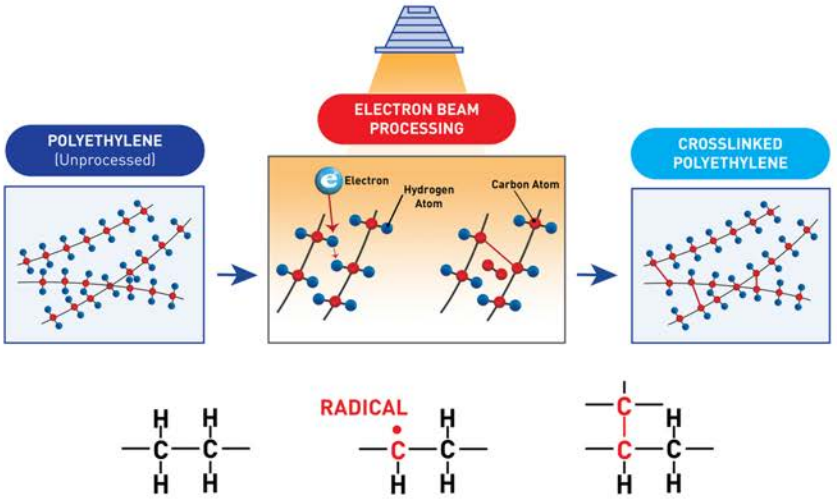


CABLEWORLD
SUPPLIERS OF ELECTRICAL CABLES & ACCESSORIES

ELECTRON BEAM CROSS-LINKING



Electron beam cross-linking is a process that enhances cable properties by exposing them to high-energy electron beams. It induces cross-linking of polymer molecules, improving insulation and mechanical strength. Benefits include increased thermal stability, allowing cables to withstand higher temperatures, and enhanced resistance to chemicals and aging. The process also improves tensile strength, abrasion resistance, and flexibility, making the cables more durable. Electron beam cross-linking extends cable lifespan, enhances reliability, and makes them suitable for demanding applications.