



Cross-linked thin-wall wire and cable products exhibit outstanding strength and environmental-resistant characteristics

Jacketed wire and cable products are treated by E-BEAM Services, Inc. to provide temperature, solder, abrasion, and friction-resistant solutions to meet the high-performance challenge created by product designers who increasingly create smaller footprint components running at higher temperatures and tougher conditions.

Faster cross-link production and immediate readiness for use, enable E-BEAM cross-linked wire and cable to facilitate a fast-to-market production schedule.

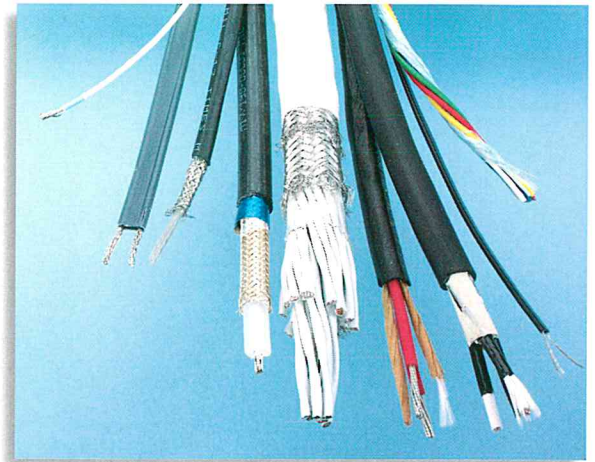
The efficient, high-energy electron-beam process enables E-BEAM Services to cross-link polymer molecules into a permanently altered three-dimensional configuration that improves performance characteristics without changing dimensional properties. The cross-linking process yields wire and cable products with higher tensile strength, chemical resistance, abrasion resistance, and improved

thermal resistance at elevated temperatures.

Space-saving efficiency, weight restrictions, and adherence to safety codes make the cross-linking of jacketed wire and cable an ideal and economical choice for both small diameter, difficult-to-handle wire and large diameter cable products.

E-BEAM Services, Inc. has processed cable up to and including 3" diameter. Cross-linked wire and cable have applications for use in automotive, communications, aircraft, marine cable, hookup wire, welding cable, and other industries.

E-BEAM cross-linking, unlike thermo-chemical cross-linking, does not limit jacketing materials, minimum wall thicknesses, or line speeds, and does not require the use of special equipment for



Jacketed wire and cable is cross-linked in a high energy electron beam irradiation process by E-BEAM Services, Inc. to enhance structural performance characteristics that provide improved temperature, chemical, stress, and abrasion resistance for both small and wide diameter wire and cable.

hazardous chemicals or MSDS documentation. E-BEAM treated wire and cable products do not contain peroxide by-products or unreacted residuals. The E-BEAM cross-linking process is suitable for jacketing material made of PVC, ETFE, PVDF, polyolefin, EPDM, CPE, Hypalon, EVA, Neoprene rubber, and ethylene-propylene rubber.



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