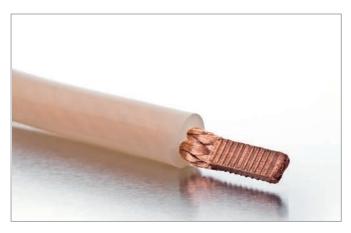


### Application example

# Compacting the end of high-flex cables

PLASTIC WELDING METAL WELDING CUTTING CLEANING SIEVING





The applications were realized on Telso®Splice TS3 wire splicing systems with a limit stop.

#### Task

A high-flex cable with a 35 mm<sup>2</sup> cross section needs to be reliably compacted at the end. In future applications, other cross sections and other types of high-flex cable also need to be welded together as end and inline splices. The electrical contact resistance needs to be as low as possible.

#### Solution

When welding metals, ultrasonic technology guarantees the lowest possible electrical contact resistance. The TS3 Telso®Splice system can reliably compact cable ends or weld nodes with a total cross section of 40 mm². When compacting ends or welding end splices, the optional adjustable wire stopper makes sure the wires are inserted to the right depth.

## Advantages of this configuration

Thanks to the universal Telso®Splice TS3 wire splicing system, you can compact wires and produce end and inline splices with ease. Users can choose from a range of welding and trigger modes. The controller includes a wide array of process control options, enabling you to monitor quality. The Node Editor enables you to program all configurations with ease on the convenient touchscreen.