



Continuous filament synthetics

Synthetic continuous filament yarns for normal textiles

This category covers a very broad range of yarns, typically ranging in count from 5 tex (Nm 200) to 500 dtex (Nm 2). Materials may be for example textured nylon, polyester or polypropylene, or flat variations of the same. For all of these yarns it will normally be assumed that a good quality flat splice is required. In this case the Model 111 in one of its forms should be used. The procedure for making the “ends-opposed” splice of the Model 111 takes a few seconds, but the slight time penalty will be repaid in splice quality.

In general, the Model 111 will make splices of high strength in synthetic fibres. Some care may be needed when joining c.f. yarns which have been intermingled using air-jet technology. Such yarns generally have a distinctive structure, with tight spots at regular intervals (typically spaced at around 25 mm) – with loopy structures between. Care should be taken to align the splicer with the loopy sections.

Very occasionally, time constraints may demand that the splicing action be very swift. In that situation, it may suffice for a simple splice to be made, with no priority being attached to appearance; merely, for example, to get the yarn into a process. In this case a simpler, cheaper, ends together splicer such as the 105 or 602 will be satisfactory.