

FINE KNITWEAR OF CIRCULAR KNITTING MACHINES WITH AIR PERMEABLE HOLES

Abstract

A fine knitwear of circular knitting machines with air
5 permeable holes is a single face fabric knitted via a circular
knitting machine with knitting fineness ≥ 24 needles/inch.
Each air permeable hole includes: at least one yarn located
above the air permeable hole and formed via interactive
movements of a Dial sinker and a plurality of latch needles
10 perpendicular to the Dial sinker, and a first support loop and a
second support loop that are formed via interactive
movements of the Dial sinker and the latch needles and
symmetrical against the yarn on the left side and the right side
to support and tie the transferred yarn. The fine knitwear can
15 meet market and consumers' requirements of providing more
comfortable cooling, and the width of the air permeable holes
can be changed flexibly in response to different requirements
in the industry.

FIG. 3