filament diameter accompanies changes in flexual rigidity and other performances. Thus the filament diameter is also an important technical parameter to determine when knitting meshes. In addition to the monofilament diameter, the ratio of the open loop number to the closed loop number in a weave repetition is also a critical factor to consider when designing mesh textile structures. Additional studies considering their in vivo properties may further tell us the relationship between textile structures and their performances.

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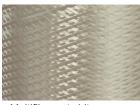
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