

# WOVEN COMPOSITE RADIUS FILLER

## BRM'S 3D ORTHOGONALLY WOVEN COMPOSITE RADIUS FILLERS MEET THE CHALLENGES OF TODAY'S COMPOSITE DESIGNS

A radius filler, or noodle, is a vital structural component in composite manufacturing. In curved laminated composite parts, void spaces occur and must be filled with fiber. A noodle is used to fill the radius.

Failure of composites, especially in aerospace applications, often initiate in the resin of the radius filler. Existing designs for radius fillers have produced fillers that are structurally inadequate, that are challenging and expensive to produce, or that leave the structural integrity of the resulting composite in question. To solve this problem, BRM has developed a better radius filler. The 3D orthogonally woven radius filler provides higher absolute strengths which correspond to stronger finished parts.



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