Filament Winding Process

Continuous filament winding process is that the steel band moves in back – and – forth circulation motion. The fiberglass winding, compound, sand inclusion and curing etc. process are finished at moving forward mandrel core at end the product is cutted at requested length.

Direct Roving For Filament Winding

The products are designed to use reinforcing silane size and provide fast wet – out, good compatible with multiple resins allowing superior mechanical properties.

Product Specification

Product Code	Filament Diameter (μm)	Linear Density (tex)	Compatible Resin	Product Features and Application
ECR-EWT150/150H	13-35	300, 600, 1200, 2400, 4800, 9600	UV VE	Fast and complete wet-out in resin low catenary Low fuzz Excellent mechanical property used for making FRP pipe, chemical storage tank
ECR-EWT278/278H	13-17	1000, 1200, 2400	EP	Fast and complete wet-out in resin low catenary Low fuzz Excellent mechanical property used for making high pressure pipe, pressure vessel
ECR-EWT256/256H	13-24	600, 1200, 2400, 4800, 9600	EP	Fast wet-out Excellent abrasion resistance Excellent electric performance used for making
ECR-EWT289	13-24	1100, 1200, 2000, 2400	PU	Fast and complete wet-out in resin low catenary Low fuzz Excellent mechanical property Maily be used to make the high-pressure pipe and vessel