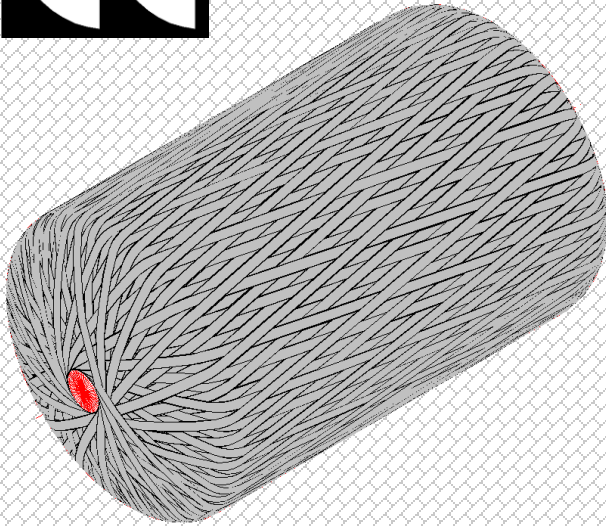




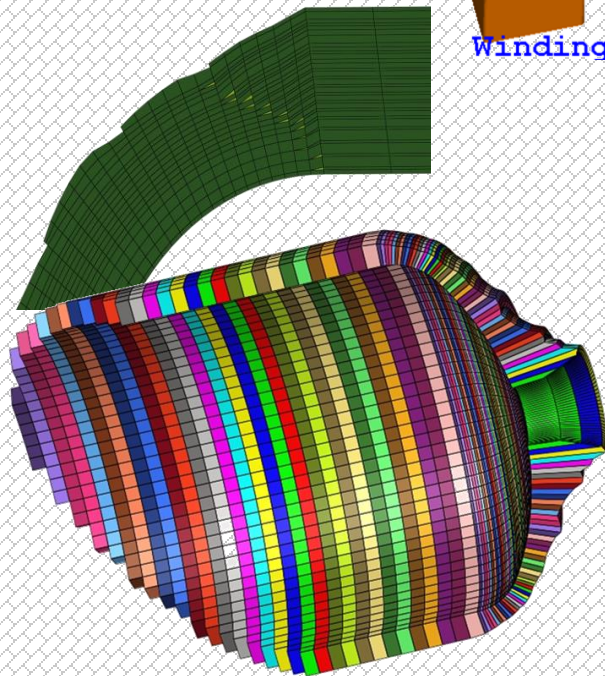
# Cadfil Filament Winding Software

Benefit from 30+ Years of winding Solutions Experience

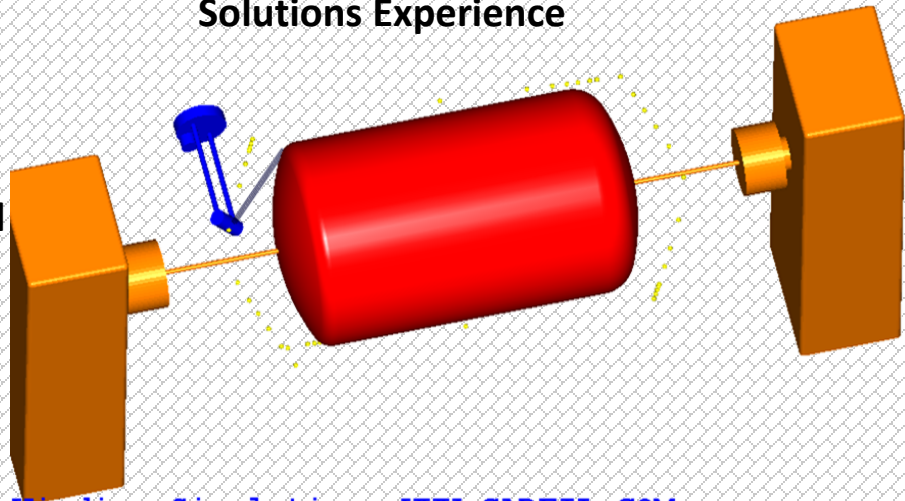


## 3D Simulation

2-6 Axis machine motion  
3D Scene via CAD Import  
Check Clash with mandrel  
Check Clash with Scene  
Dynamic or step by step  
Full 3D zoom, pan, rotate  
Make Video files



Winding solutions for all Parts  
Precise geodesic and non-geodesic paths  
Full laminate Control  
Any winder Controller 2-6 Axis  
G-Code, CNC, ABB & Kuka Robots.....  
World Class FEA Analysis Interfaces  
Benefit from 30+ Years of winding Solutions Experience



Winding Simulation: [WWW.CADFIL.COM](http://WWW.CADFIL.COM)

Full 3D Multi-layer laminated shell model  
Full Laminated 3D solid element model  
Axisymmetric with thro' thickness FE's  
3D mapping/draping tables  
Materials Database  
Automatic boundary conditions and loads  
"No touch run" data decks  
Save time & money, with fast changes  
Many features and Options

## Contact Us:

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Web: [www.cadfil.com](http://www.cadfil.com)

Supports Nastran, Patran, FEmap, ANSYS, ABAQUS, Hyperworks, ESAComp, OpiStruct and others.

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