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Composite Pipes



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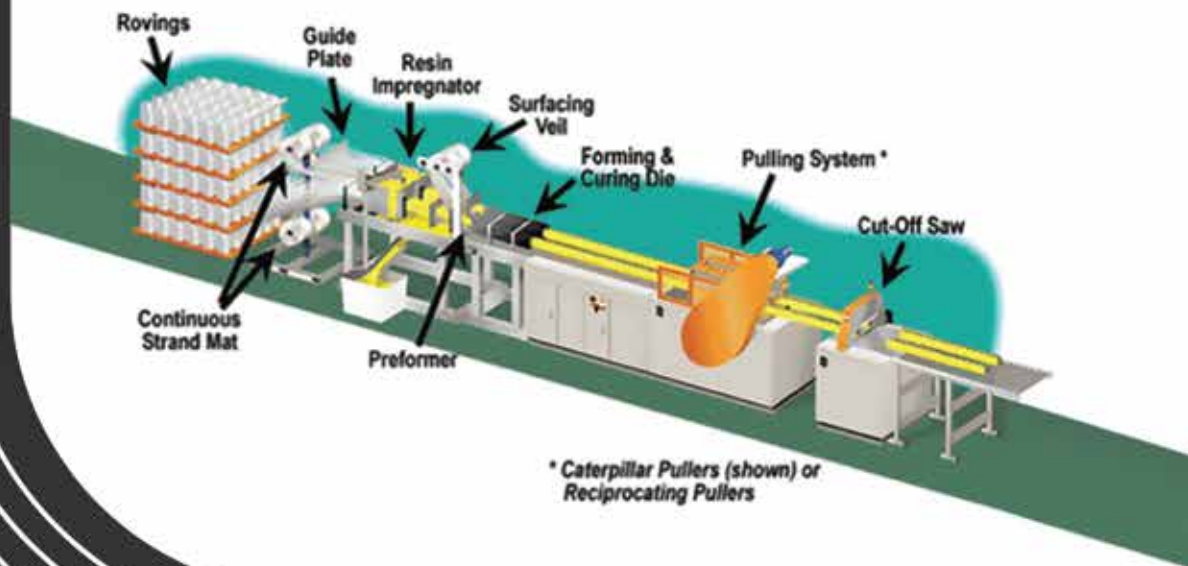
Pultrusion is a continuous process for manufacturing of fibre-reinforced plastics with constant cross-section.

In the standard pultrusion process, the reinforcement materials like fibers or woven or braided strands are impregnated with resin, possibly followed by a separate preforming system, and pulled through a heated stationary die where the resin undergoes polymerization.

A surface veil can also be added to protect against erosion and provide corrosion resistance and ultraviolet resistance.

Products manufactured under this technology are widely used in the following industries:

- In the agriculture and chemical industries for manufacturing of chemically resistant to aggressive media slatted floors with enhanced strength characteristics used in the construction of livestock facilities, chemical plants, etc.;
- in the construction industry for the production of glass-fiber reinforcement, profiles, stiffening bars for PVC-windows, etc.;
- in the aerospace industry for manufacturing of structure components of aircraft;
- in the sports industries for manufacturing of equipment exhibiting enhanced strength properties: ski poles, golf course flagsticks, tent and hovel constructions, etc.;
- in electrical power engineering for manufacturing of dielectric structures, fiberglass rods used in composite insulators and fiberglass profiles used in manufacturing of transformers and electric motors;
- in the automotive industry for the production of structural and complex parts of the vehicles with enhanced stiffness, rigidity and lightness;



PAOTECH FZCO is an innovative company in polymeric products that produce Composite Hand Hole (HH), Composite Man Hole, microducts and extensive range of pultruded profiles.

With Many pultrusion lines operating 24 hours of a day. we are cable of producing high volume of products to suit a vast range of applications.

You can view the available dimensions of various tubes, U channel, angles and squares in the pultruded products guide below.

We can be your partner as an R&D team to develop New Products Based on Your Requests.



Our Products

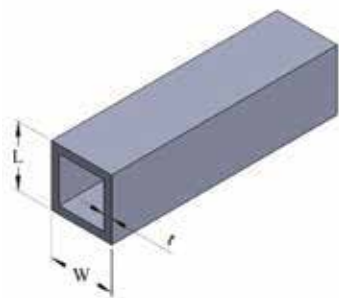


Outside Diameter (mm)

20
26
50

Inside Diameter (mm)

14
17
40



Length (mm)

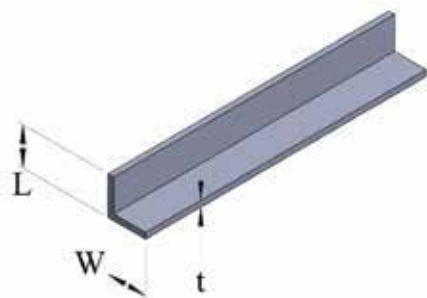
30
40
60
60
80

Width (mm)

30
40
30
60
80

Thickness (mm)

3
3
5
5
6



Length (mm)

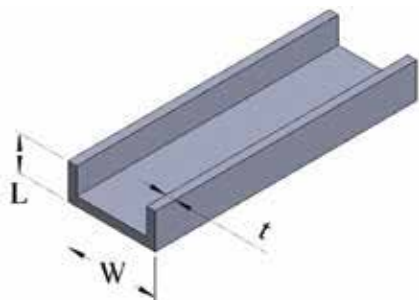
50
75

Width (mm)

50
75

Thickness (mm)

6
10



Length (mm)

40
40

Width (mm)


100
100


Thickness (mm)

6
10

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