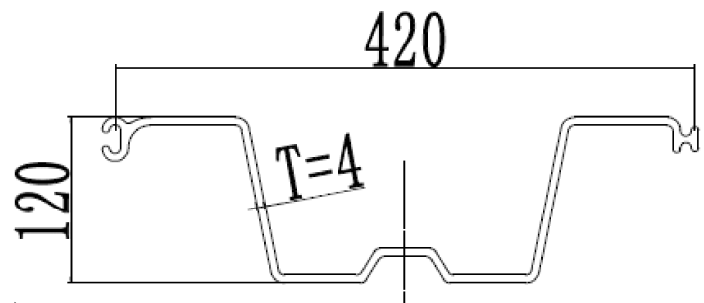


FRP Sheet Pile Data Sheet

1. Description

- Name: FRP Sheet Pile
- Thickness : 4mm
- Section Width : 420mm
- Section Depth : 120mm
- Length: any length
- Weight : 5.7kg/m
- Color : gray or customized



2. Material

Fiberglass Reinforced Plastic (FRP)

- Resin (Unsaturated Ortho Polyester resin)
- Fiberglass (E-glass, alkali-free glass fiber)
- Others: filler, pigment etc.

3. Mechanical resistance

- Moment of Inertia: $I_x=630\text{cm}^4$
- Section Modulus: $W_x=116\text{cm}^3$
- Tensile Strength: 280Mpa
- Flexural Strength: 230Mpa
- Barcol Hardness: 45
- Izod Impact: 0.9J/mm
- Thermal Expansion: 28um/m.°C
- Water Absorption: 0.16%/24hrs@25°C

