

## Data specification

### MTI® valve

The MTI® valve perfects the vacuum infusion while using the MTI®hose. The valve regulates the resin infusion by pressure. It builds a counter pressure against the (under) pressure in the part during the infusion process. When the counter pressure is too high the valve will close automatically. The infusion process stops and no resin will flow into the part.

Therefore you have to integrate the MTI® valve to the resin hose. Starting the infusion process the valve will regulate the flow rate and quantity of flowing resin. Thus the infusion will be consistent and there is a steady resin allocation. The particular fibers will be coated consistently. So the resin pooling at the resin inlet is prevented. If the optimal quantity of resin for a part is given the valve will close automatically.

- Customized
- Inner diameter of resin feed line: 6-12mm
- Maximum temperature of usage: 80°C
- Material: housing and inner material => Polypropylen, spiral spring => steel
- Use: vacuum infusion
- Usable resin: Epoxy, Polyester
- Use for valve: direction of arrow towards the resin flow direction

#### Notice before using:

Before using the MTI® valve please make sure that the affiliations of the resin infusion hose are absolutely air tight.

#### Storage:

It is recommended to keep the MTI® valves dry and cool.

All information you find here are made to the best of knowledge and represent the current state of knowledge but have no binding character.