

HP-MTI®

- Membrane-hose für Vacuum infusion -

The MTI® - hose is the new innovation in the branch of vacuum infusion. This new technology will provide more quality, less costs and better mechanical properties
The pores of the hose membrane are very small, holding the resin back and only leaving the air through the pores.

Advantages:

- Less investment needed for extra machines and materials
- Cures the work in the same way as with any other vacuum techniques
- Reduce the trapped gas and air within the component part
- Minimisation of dry spots
- The results are: high process quality as well as an excellent build quality

Technical Specifications:

Max. operation temperature:	80	°C	(176 °F)
Flow rate (exhaust)	<50	L/m	(@ p _{abs.} = 50 mPas)
Suitable resins	Epoxy, Polyester		
Material (membrane/non-woven))	Polyurethane / Polyester		
Spiral tube	Polyethylene		
Tensile loading (maximum)	30	N	

Measurements:

Inner Diameter(Ø)	8	mm	
Outer Diameter (Ø)	15	mm	
Packing length	5, 10, 25, 50 o. 100		m

Hints for Application:

Check the hose before using. Put it with the interface-side on the mould. Fix only with suitable materials.

Hints for Storage:

Keep the hose dry (air humidity between 50 and 75%). Storage temperature between 10 and 20°C.
To prevent condensing, put the hose to the work area minimum 12h before using.

Tested with resins from HP-Textiles. For other resins, we do recommend test beforehand!

*Information presented herein has been compiled from sources considered to be dependable and is accurate and reliable to the best of our knowledge and belief but is not guaranteed to be so.
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We recommend tests be performed for trials and suitability for the particular type of application.
With the newest printing of this data sheet the previous version loose validity!*