



Key Features

- 180°C operating temperature
- High visibility anodised finish
- Polished burr-free surfaces
- 1/4" BSP thread

Description

TBC2 is a high quality through-bag connector for composites vacuum bagging. It is a quick and reliable way to connect vacuum hoses to film vacuum bags.

The connector is made up of two halves, one of which is placed inside the vacuum bag, the other is placed on the outside. A small hole is made in the vacuum bag and the mandrel of the connector passes through this hole. The two halves twist together clamping around a silicone rubber seal, providing a solid and reliable air-tight seal.

TBC2 has a maximum operating temperature of 180°C and is suitable for ambient pressure and autoclave use.

The unit is finished with a distinctive red anodised finish which makes the units more visible and less likely to be accidentally discarded with the vacuum bag.

These high quality connectors can be re-used indefinitely.

Typical Uses

- Vacuum bagging prepregs
- Out-of-autoclave or autoclave use
- Vacuum bonding/veneering

Fittings

TBC2 Through-Bag Connector has a 1/4" BSP male thread which is a thread standard compatible with a very wide range of

vacuum and pneumatic fittings, including our 1/4 Turn Vacuum Valve and VC200 Quick-Release Vacuum Couplings.

Suggested configuration when used together with VC200 Quick Release Couplings to connect to an 8mm ID vacuum hose:



Specification

Property	Unit	Value
Material	-	Anodised Aluminium
Thread	-	1/4" BSP
Overall Height	mm	35
Overall Width	mm	50
Max Service Temperature	°C	180

Disclaimer

This data is not to be used for specifications. Values listed are for typical properties and should not be considered minimum or maximum. Our technical advice, whether verbal or in writing, is given in good faith but Easy Composites Ltd gives no warranty, express or implied, and all products are sold upon condition that purchasers will make their own tests to determine the quality and suitability of the product for their particular application and circumstances.

Easy Composites Ltd shall be in no way responsible for the proper use and service of the product, nor for the safeguarding of personnel or property, all of which is the duty of the user. Any information or suggestions are without warranty of any kind and purchasers are solely responsible for any loss arising from the use of such information or suggestions. No information or suggestions given by us shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Before using any of our products, users should familiarise themselves with the relevant technical and safety datasheets provided by Easy Composites Ltd.

TBC2 is a trademark of Easy Composites Ltd.

Leaders in materials, equipment and training for advanced composites