



## Tectan® core plugs

Our core plugs provide optimal protection for transportation both inside and outside your plant. Made of the patented Tectan® composite, they mean you can rely on a rigid and shock-resistant product that is ideally suited to stabilizing winding cores.

To avoid damage to winding cores, it is always advisable to insert appropriate core plugs that offer ideal protection during both in-company and external transport. Core plugs made of Tectan® consist of paper and polyethylene. This mixture produces a material that is impact resistant and rigid, and which is ideal for stabilizing winding cores. Tectan® core plugs have now been successfully deployed in the paper industry for more than ten years.

### MATERIAL TECTAN®

Tectan® is made out of unused waste from the beverage carton industry, which consists mainly of paper. In a specially developed process, the waste (raw material) is shredded, dried and then converted into granules. Depending on the designated usage, the required amount of polyethylene is added to the existing polyethylene that stems from the original carton sealant. Production of the Tectan® material requires only paper and polyolefins, for example low-density polyethylene (LDPE), high-density polyethylene (HDPE) or Polypropylene (PP). These are then combined according to a formula that delivers the requisite

end-product properties; here, the paper fibers serve as stabilizers and increase the rigidity of the plastic matrix. Thanks to the high percentage of paper fiber and our optimum production process, Tectan® boasts qualities that can otherwise only be achieved in purely plastic products by means of a complicated process.

### ENVIRONMENT

By using paper fibers (secondary resources) that come from 100% FSC-accredited plantations, fossil resources such as crude oil can be saved and substituted by renewable resources. During the manufacture of products made of Tectan® we ensure there is no negative ecological impact on the air, soil or water.

Tectan® products are suitable for multiple uses and can be 100% recycled again and used to create new products.

Are you interested in our core plugs? We are looking forward to your inquiry!



**Iris Hess | Sales & Administration**

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# Core plugs overview



## 102/30

Outside Ø: 102,7 mm  
Inside Ø: 25 mm  
Thickness: 30 mm  
Item-No.: 21-3715



## 147/40

Outside Ø: 147,0 mm  
Inside Ø: 52 mm  
Thickness: 40 mm  
Item-No.: 21-3733

## 151/30

Outside Ø: 150,6 mm  
Inside Ø: 45 mm  
Thickness: 30 mm  
Item-No.: 21-3736



## 152/30

Outside Ø: 152,5 mm  
Inside Ø: 45 mm  
Thickness: 30 mm  
Item-No.: 21-3735



## 202/35

Outside Ø: 202 mm  
Inside Ø: 50 mm  
Thickness: 35 mm  
Item-No.: 21-3720



## 302/40

Outside Ø: 302,3 mm  
Inside Ø: 85 mm  
Thickness: 40 mm  
Item-No.: 21-3751

## 307/35U

Outside Ø: 306,7 mm  
Inside Ø: 85 mm  
Thickness: 35 mm  
Item-No.: 21-3747



## 307/35

Outside Ø: 307,5 mm  
Inside Ø: 85 mm  
Thickness: 35 mm  
Item-No.: 21-3743



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