



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 sub-stituted 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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Tectan® edge protectors

In freight transport as a whole, securing the load is key. Any cargo needs to be protected against slipping and against impact damage. Edge protectors made of Tectan®, with their special shape and full contact to the load, ensure optimal protection for your product.

Securing cargo properly has always been a sensitive issue for general freight transport. During a sudden braking manoeuvre, there is an increased risk of accident if the freight shifts. Paper rolls, for instance, can only be secured by lashing them down, irrespective of whether or not they are in danger of toppling. In order to protect the edges of the paper rolls, the right kind of edge protectors need to be deployed. Because of their special shape and wide surface pressure distribution, edge protectors made of Tectan® provide ideal protection.

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Edge protectors overview



50/50

Side length: 50 mm
Side width: 50 mm
Item-No.: 25-3750



50/100

Side length: 50 mm
Side width: 100 mm
Item-No.: 25-3760

150/140

Side length:
150/100 mm
Side width: 140 mm
Item-No.: 25-3740



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