



TFT
VERPACKUNGEN

「 WIRE AND CABLE DRUMS BY TFT
For all round reliability. 」



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For wire and cable professionals



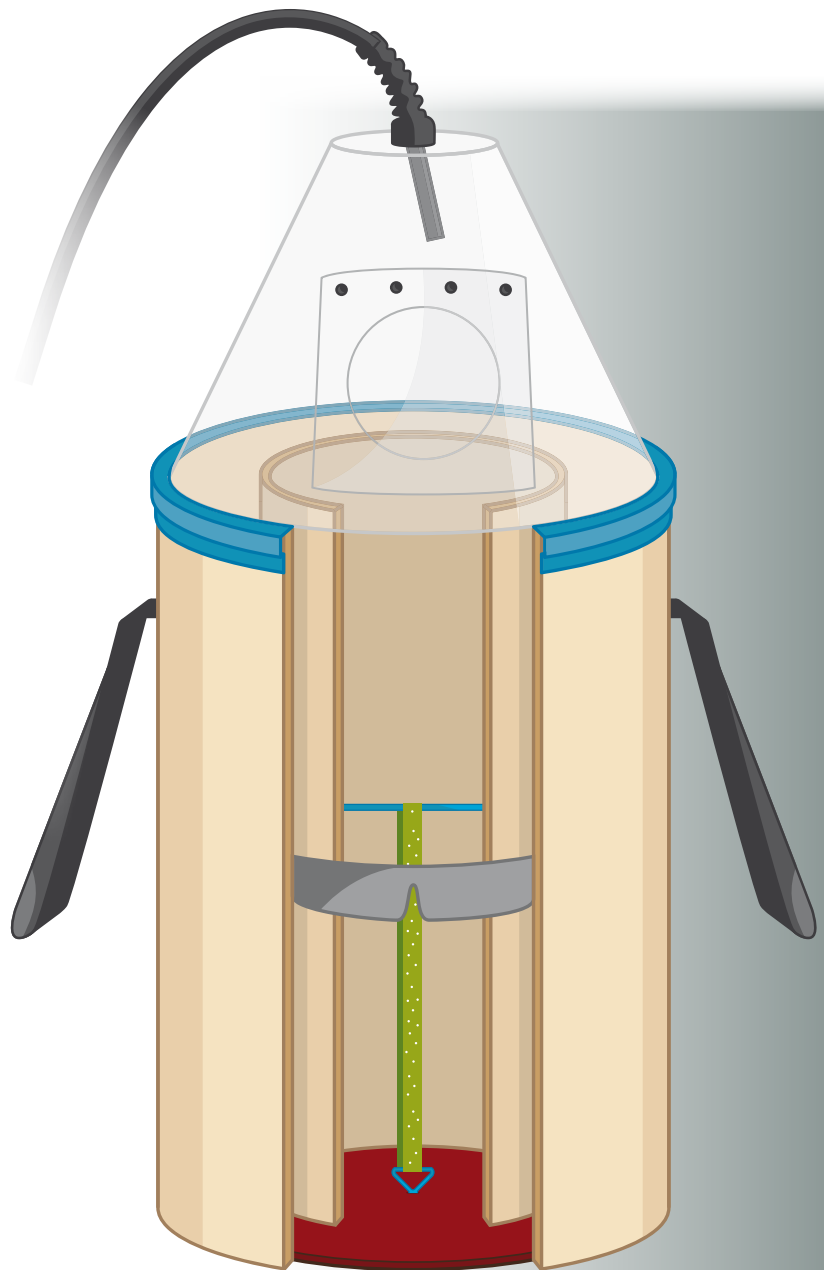
For many years, TFT GmbH has been manufacturing containers for the wire and cable industry that we tailor to the specific requirement profiles of our customers. Our drums are suitable for the transport and storage of the most diverse round wires and cables as they are used in welding, electrical systems, machinery, motor vehicles, and many other industrial sectors.

The DKF (Draht- und Kabelfass/wire and cable drum) Solid and DKF Eco versions of our wire and cable drums are manufactured with the parallel or spiral winding method that combines multiple plies of high quality kraft paper. They are easy to stack, store, and transport and also protect their contents against mechanical damage and weathering. Unlike plastic drums, our drums allow diffusion, preventing the formation of condensate and hence corrosion on the coiled wire.

The internal core of this packaging, when fitted, is generally bonded to the drum and delivered in a form ideal for its specific application. On request, it can also be delivered in unbonded form. The customer can then install this whenever it is needed.

You can choose from a range of lids and bottoms that are best suited to your needs. In addition, our portfolio also includes various handles.

A great many options are available on request: composite materials on the outside or inside (polyethylene, aluminium, silicone, etc.), PE liner bags, and various carrying handles. And we can customise your drums with individual paintwork, labelling, or printed motifs.



- | | | | |
|-------|-------|-----------|------|
| fibre | metal | chipboard | PMMA |
| belt | foam | rubber | |



DKF Solid

The outer cylinder and internal core of DKF Solid consist of multiple parallel or spiral wound plies of glued kraft paper. The standard version is fitted with galvanised steel band. This lends the drum greater mechanical and dimensional stability than the Eco variant without steel band, making it the ideal solution for repeated use.



Top and bottom band



The bottom band of galvanised steel provides a positive connection between the outer cylinder's jacket and the bottom. The top band lends the body stability.

What type of top metal band is used and how it is connected to the body of the drum depends on the drum's contents and how it is handled. We distinguish between four variants.

Standard drum version NTR

- external top band, beaded and pressed
- used e.g. for insulated round wires



Wire drum version DTR

- top band with inner rim, rolled on
- used e.g. for bare round wires



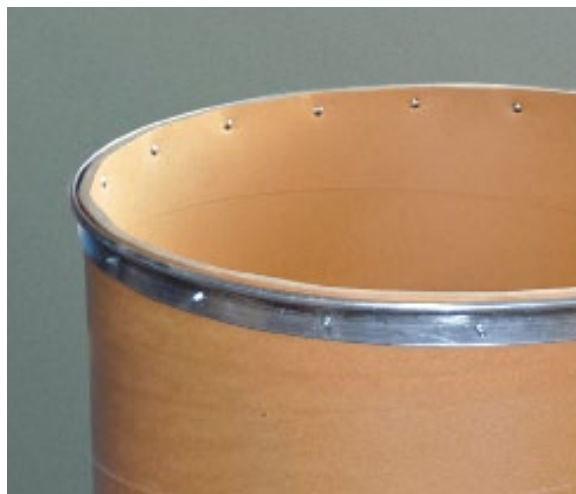
Special drum version STR type I

- double top band, beaded and pressed
- additionally glued to the body of the drum
- used e.g. for Soudronic wires



Special drum version STR type II

- rolled external top band
- bolted to the body of the drum
- used e.g. for wires of larger diameter and for thin walled piping





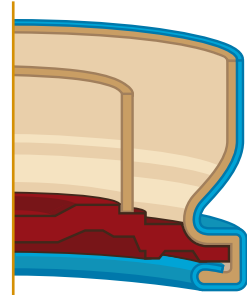
Bottoms

The bottom structure depends on the application and the drum diameter.



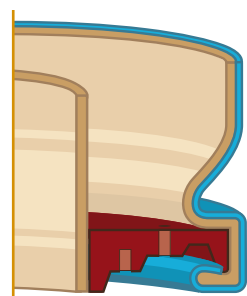
Compact solid formed bottom

- of pressed composite
- internal core glued in
- paraffined



Solid formed bottom band

- of pressed composite
- internal core clipped in
- paraffined



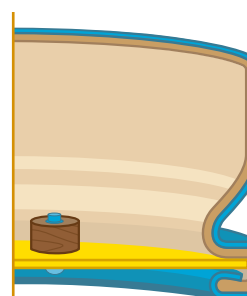
MDF or plywood bottom

- with groove or round plywood panel for mounting the internal core
- internal core glued in



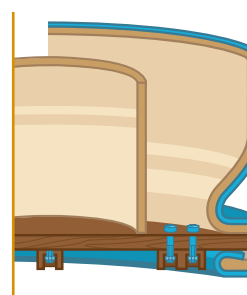
Plywood bottom with spigot

- spigot as a fixed mount for rotating wire coil



Wooden bottom with feet

- suitable for transport by pallet truck or forklift
- internal core glued in
- with groove or round plywood panel



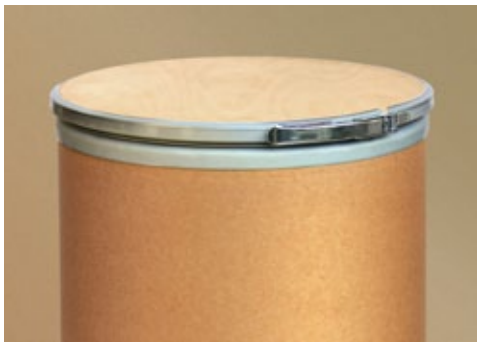
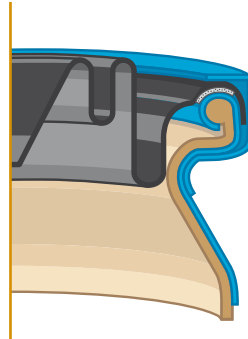


Every drum comes with a lid, no matter whether plastic, plywood, MDF, or metal.



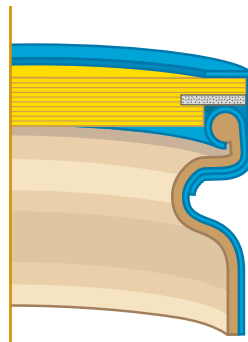
PP lid

- with tension closure
- optional PUR gasket



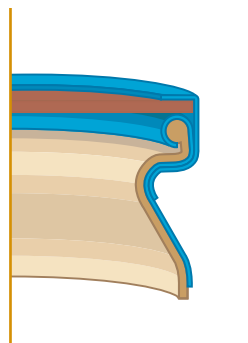
Plywood lid

- with tension closure
- with rubber gasket



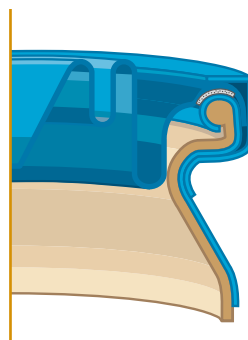
MDF lid









- with tension closure



Steel sheet lid, galvanised

- with tension closure
- optional PUR gasket



 fibre	 metal	 chipboard	 wood	 plywood
 MDF	 plastic/PP	 PUR gasket		

DKF Eco

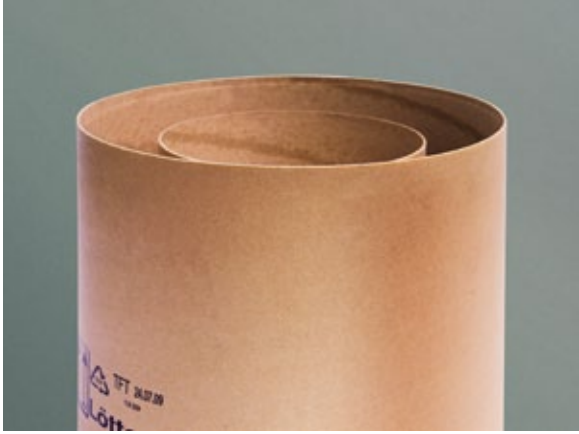
Like the Solid variant, the outer cylinder and internal core of DKF Eco also consist of multiple parallel or spiral wound plies of glued kraft paper and/or tube board. Its particular feature is that its bottom and lid are joined to the rest of the body without steel band. These eco drums, therefore, not only weigh far less, but can also be separated easily into their constituent materials prior to disposal. Here too, we can offer various end to end solutions for every requirement.



Top options



Simple



Simple with bead



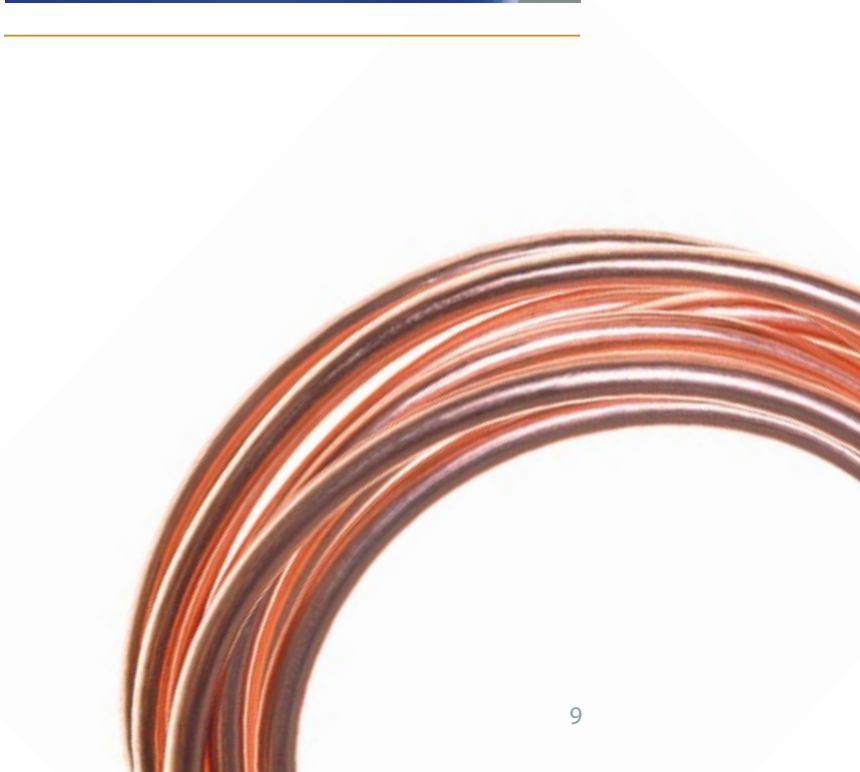
Crimped to inside with bead



Crimped to inside without bead



Crimped to outside



Bottoms

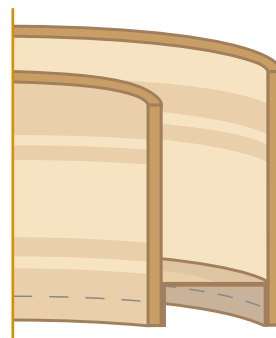
These variants range from paraffined shaped bottoms to cardboard, plywood, and MDF bottoms, depending on the application.

Bottoms with 300–400 mm diameters



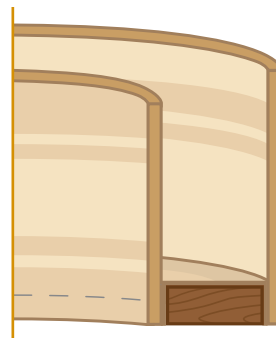
Cardboard bottom with opening

- embossed cardboard ring clipped to outer cylinder and internal core



Cardboard disk

- internal core secured to bottom with reinforcing ring
- wooden blocks for additional stability

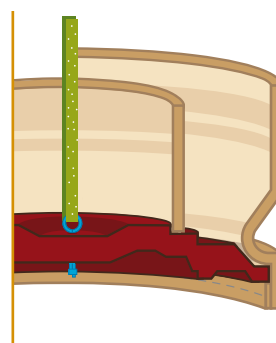


Bottoms with 400–760 mm diameters

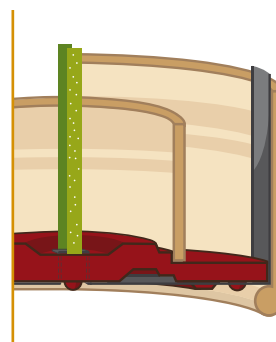


Solid formed bottom

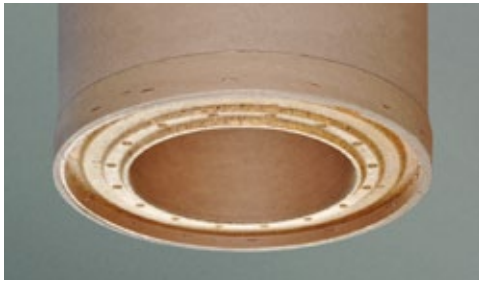
- of pressed composite
- paraffined



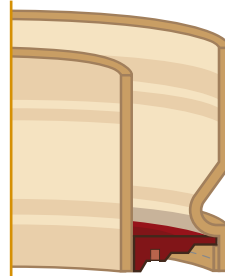
- with rubber device and carrying straps



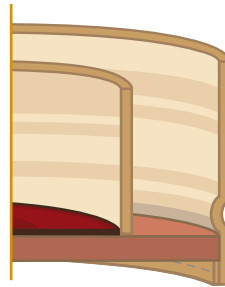
fibre
 chipboard
 MDF
 wood
 cardboard
 belt
 rubber
 metal



Formed bottom ring



MDF bottom with round plywood panel



Lids



You can choose from a range of materials that are best suited to your needs.



Cardboard recessed lid

- with grip hole or lifting eye



Lids with
300–500 mm
diameters



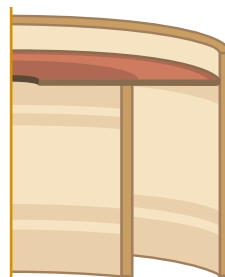
Cardboard recessed lid

- with crossed wood reinforcement



MDF lid

- with inner rim and grip hole (50 mm)

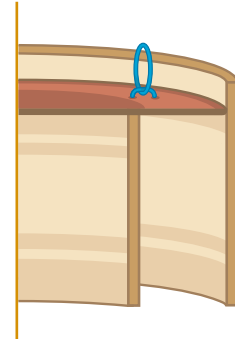


Lids with
400–760 mm
diameters



MDF lid

- with inner rim and lifting eye
- internal crossed wood reinforcement possible



Cardboard slip lid



Of course, also the lid options for the Solid version are possible.



Handles

We offer various grip holes and attached handles for a wide range of loads.

- simple wire handle
- in the thicknesses 2.8 mm and 3.8 mm



- grip holes on the sides
- 30 x 100 mm



HANDLE VARIANTS



- carrying straps of polyester fabric in a range of lengths
- for max loads of 500 kg
- with belt slot reinforcement

- lightweight handles without counterplate
- deforms from 240 kg
- detaches from 470 kg



- heavy short or long handles with normal or extra large counterplate
- deforms from 240 kg
- detaches from 940 kg
- plies can be glued over internal metal parts

for DKF Solid



- handles welded to tension ring



- two-part heavy handles
- easily detachable



Internal core

The internal core of DKF Solid and DKF Eco consists of multiple spiral wound plies of glued kraft paper and/or tube cardboard. Moisture and grease repellent coatings are possible as options.

The core is glued or clipped to the shipping tube bottom. On request, it can also be delivered in unbonded form. All of our internal cores feature a punched hole for the end of the wire.

The diameters of the internal core depend on the outer cylinders and are as follows:

DKF Solid

\varnothing internal core (mm)	150	200/205	250	300	315/320	353	400	500
\varnothing outer cylinder (mm)								
300.0	x							
315.0	x	x						
360.0		x						
400.0			x					
500.0				x	x			
510.0				x	x			
560.0				x	x	x		
571.5					x	x	x	
580.0				x	x	x	x	
630.0				x			x	
650.0				x			x	
760.0								x
1000.0								x

DKF Eco

\varnothing internal core (mm)	130	184	196/200	222	250	300	315
\varnothing outer cylinder (mm)							
300.0		x					
315.0			x				
330.0	x						
400.0					x		
450.0							x
500.0					x	x	x
510.0				x		x	
560.0							x
571.5						x	
580.0					x	x	
630.0						x	
650.0							x
760.0							x
800.0							x

Other combinations on request. We'll be pleased to advise you!

Various designs



- with top metal reinforcement in the form of a beaded top band of galvanised steel sheet



- with glued-in round cardboard panel for greater stability and as a compartment for silica gel



- with top crimping for greater stability and a smoother wire run



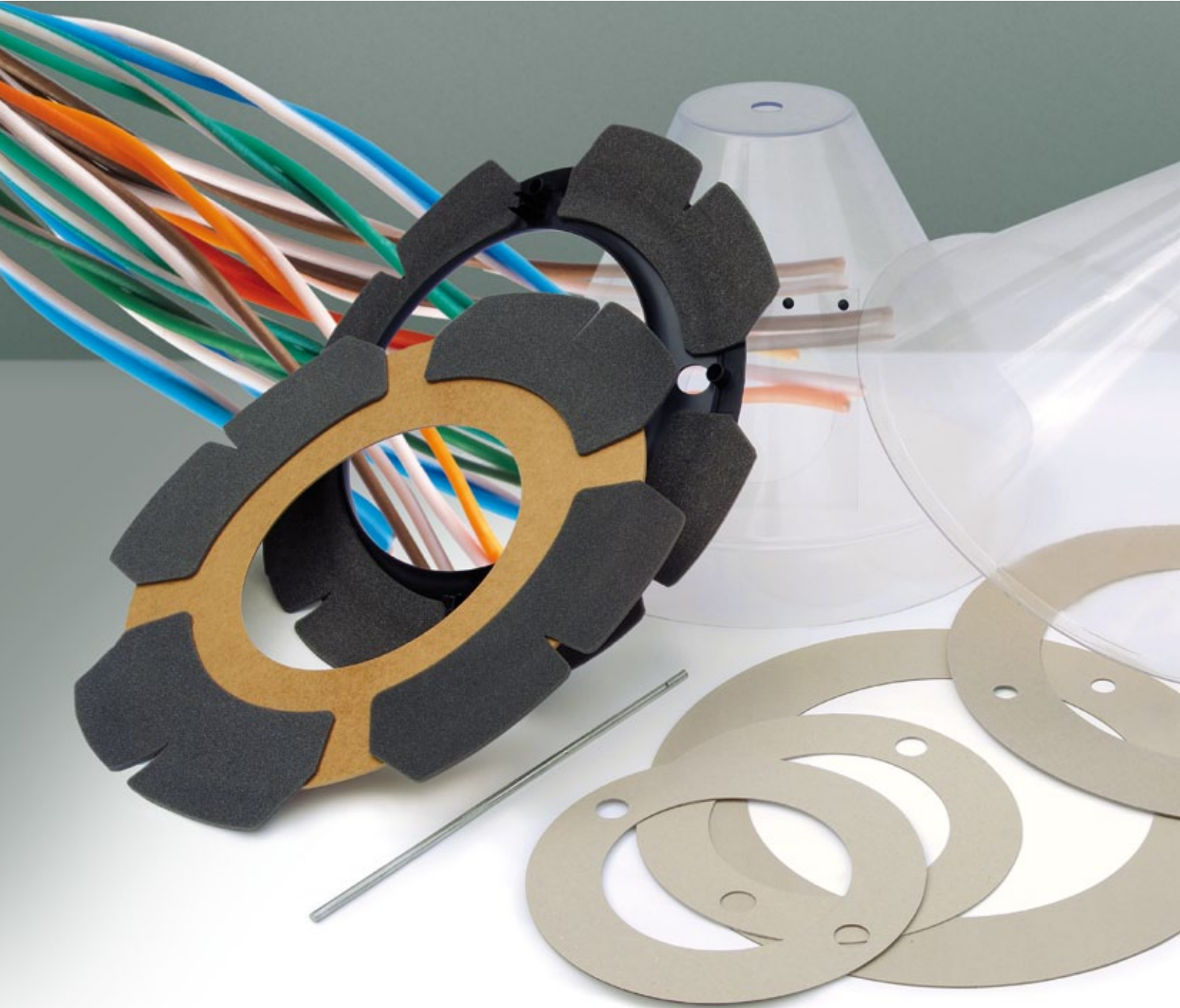
- with double slots for the metal rod that the rubber pull cord connects to the bottom





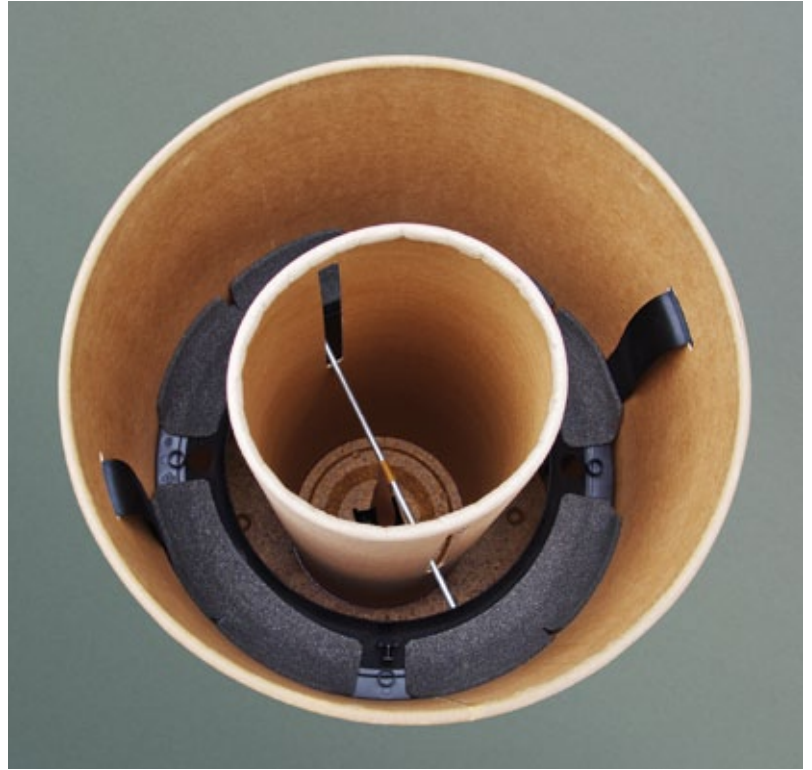
Accessories

We offer a range of optional equipment for special purpose applications.



- restraint rings of PP, MDF, and cardboard, with or without foam, for transport safety and a smoother wire run
- cardboard reinforcing rings, wooden crosses for securing the contents
- hoods for a reliable wire run (tension ring and slip-on versions)

- metal rod for transport safety
- rubber pull cord secured with a hook or to the carrying strap
- restraint rings for securing the wire during transport



- variable number of inspection slots
- punched on one or both sides
- behind a glued transparent label
- for assessing the filled level

7 Surface treatment

We deliver our wire and cable drums as standard with a jacket of unbleached kraft paper. However, they can be provided with paintwork, coatings, screen printed motifs, or labelling with individual and sales promoting details. Also an internal or external lamination of silicone or PE is possible.



Trust in our strength!



TFT Thüringer Fiber-Trommel GmbH is a medium-sized enterprise. It has been operating in Rositz, a place of great industrial tradition in eastern Thuringia, since 1965. Although firmly rooted in the region, it exports its products all over the world.

Our speciality is paper, a raw material that embodies both tradition and sustainable future development. The TFT portfolio is based on three pillars: fibre drums, shipping tubes and edge protectors.

TFT's customers value its quality assurance, flexibility, short production times and adherence to deadlines. Decades of experience with paper as a material and its own R&D department enable the company to provide customised solutions and operate innovatively on the market.

What can we do for you? Call us! A warm welcome is guaranteed.





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