

SPILL-EX **sealing system**



Minimize nuisance caused by
spillage and dust

less
spillage,
more
performance



Spillage in and around transfer points cause unplanned downtime, loss of valuable raw materials, high clean-up costs and unnecessary strain on man and environment.

Traditional rubber sealing strips only result in a slight reduction in spillage. SPILL-EX eliminates the nuisance caused by spillage and dust at ascending and transfer points.

The seal blocks are easy to adjust individually and they are quick and easy to replace. SPILL-EX does not only eliminate spillage, but also reduces the system's operational and maintenance costs.



SPILL-EX sealing system

The elastic rubber seal of the SPILL-EX conveyor sealing system has a long service life and it prevents cutting into the belt. Clamp brackets prevent the blocks from being pushed upward by the belt or being pushed outward by the products.

The SPILL-EX NT model is adjustable to +65° C, and the HT model can be used up to a continuous temperature of 120° C with a brief spike of up to 150° C. A seamless seal is created on the back when combined with the SPILL-EX HDR sealing system.



Key Features

- Easy installation;
- The soft, yet sturdy rubber sealing contact blocks with the belt ensure a perfect seal;
- The seal blocks are quick and easy to adjust;
- The seal blocks are easy to replace without having to dismantle the remaining blocks;
- The special structure of the rubber sealing blocks will prevent the belt from cutting in. This increases the life span of the belt considerably;
- The durable rubber ensures a long service life.



minimal nuisance caused by pollution and dust



SPILL-EX sealing system type BSR/BSS

SPILL-EX BSR/BSS is a low-cost sealing system specifically designed for belts with a very limited installation space.

The maximum installation height is 97 mm and the wear edge of the seal blocks is 30 mm. The rubber blocks have a hardness of 55 Shore A \pm 5° and are available in the following versions:

- NT seal block, usable up to +65° C;
- HT seal block, usable up to +150° C.





SPILL-EX sealing system LPS

For light and medium applications

SPILL-EX LPS is a sealing system for light to medium applications. The required installation height is 150 mm and the wear edge of the seal blocks is 45 mm.

The rubber blocks have a hardness of 55 Shore A \pm 5° and are available in the following versions:

- NT seal block, usable up to +65° C;
- HT seal block, usable up to +150° C;
- NTW white seal block, usable up to +65° C;
- OGR seal block, oil and grease resistant and usable up to +65° C;
- NTA flame retardant and anti-static seal block (hardness of 60° C Shore A \pm 5°), useable up to +150° C.

The mounting plates and clamps are also available in stainless steel.





SPILL-EX sealing system type HDS

For heavy duty applications

SPILL-EX HDS is a sealing system for heavy duty applications. The required installation height is 200 mm and the wear edge of the seal blocks is 70 mm.

The rubber blocks have a hardness of 55 Shore A \pm 5° and are available in the following versions:

- NT seal block, usable up to +65° C;
- HT seal block, usable up to +150° C;
- OGR seal block, oil and grease resistant and usable up to +65° C;
- NTA flame retardant and anti-static seal block (hardness of 60° C Shore A \pm 5o), useable up to +150° C.

The mounting plates and clamps are also available in stainless steel.





SPILL-EX sealing system type HDR

For sealing the rear dump

SPILL-EX type HDR was designed to seal the back of the chute and to fit seamlessly into the SPILL-EX side seal. The seal blocks can be cut with a knife into the required trough angle. The installation height is a maximum of 300 mm and the wear edge is 70 mm. SPILL-EX HDR is also used in combination with heavy duty clamps as a side seal with pull belts under bunkers.

The rubber blocks have a hardness of 55 Shore A \pm 5° and are available in the following versions:

- NT seal block, usable up to +65° C;
- HT seal block, usable up to +150° C;
- OGR seal block, oil and grease resistant and usable up to +65° C;
- NTA flame retardant and anti-static sealblock (hardness 60° C Shore A \pm 5o), useable up to +150° C.

The mounting plates and clamps are also available in stainless steel.



Who are we?

The TBK Group is a supplier of conveyor belt components, machines for the handling of bulk materials and dust collectors. Conveyor belt components are partly developed in-house and the remainder is produced by third parties.

Our customers are companies that are engaged in the handling of bulk materials in the broadest sense of the word. Customers of the TBK Group includes for example the steel industry, mining, foundry, sand, gravel and mineral extraction, concrete and power plants and feed and food industries Four operating companies resort under the TBK group.

TBK Europe, DCP Dust Control Partners, TBK Spillage Control and TBK Equipment all focus on their own areas of specialisation.



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