



## PVG 70

The problem solver for the transport of strong adhesive goods.

**Not just a conveyor belt, but a complete system. In combination with other Lutze components, the outstanding properties of this special belt can be exploited.**

## Application

- REA gypsum transport, such as: power plants, waste incineration plants
- Processing companies, such as: plaster and cement industry, fertilizer industry, brick factories
- Transport of strongly adhering goods e.g. titanium dioxide, clay, compost, moistened dry ash



**Before:** Caking on the belt leads to pollution of the environment

## Challenge

- The conveyor belt, lower belt rollers and the surrounding area are contaminated by adhering materials
- Cleaning the conveyor belt is not satisfactory even with a high level of cleaning effort



**Before:** Caking on the rollers leads to misalignment and damage to the belt

## Our solution – the PVG 70

- The smooth and hard cover plate of the PVG 70 minimizes caking on the conveyor belt
- Contamination of the system and the surrounding area is minimized by a LUWITAN® head scraper
- Rubberized lower belt rollers ensure a straight run
- A soft skirting rubber also seals the conveyor belt



**After:** The PVG 70 system prevents material from migrating into the lower belt

Weight	6,3 kg/m <sup>2</sup>
Slope	max. 14°
Thickness	approx. 4,9 mm
Cover material	PVC
Temperature	-10° C to +80° C
Width	up to 3.000 mm
Pulley diameter	min. 100 mm
Troughable	yes



**After:** The PVG 70 system keeps the system clean and protects the environment

# LUWILITE

## PVG 70

PVC, 3-ply, rigid, polyester, transparent

### APPLICATION

- |   |  |
|---|--|
|  <b>Gypsum</b> |  <b>Moistened dry ash</b> |
|  <b>Bricks</b> |  <b>Clay</b>              |
|  <b>Cement</b> |  <b>Compost</b>           |



FABRICS	
Number of plies	3
Top fabric	Polyester, flexible
Middle fabric	Polyester, rigid
Bottom fabric	Polyester, rigid

TECHNICAL DATA	
Total thickness	4,80 mm
Weight	5,60 kg / qm
Color	Transparent
Max. operating temperature	-10 °C
Min. operating temperature	+80 °C
Tension for 1% elongation	17,0 N / mm
Suggested initial pre-tension	0,3 – 1,0 %
Friction coefficient	Steel 0,2 μ

TOP COVER	
Thickness	2,00 mm
Material	PVC
Profile / Structure	Smooth
Hardness	80 Shore A

CONVEYOR INFORMATION	
Rollers	Yes
Slider bed	Yes
Troughed	No
Minimum pulley-Ø (normal flexing)	140 mm
Minimum pulley-Ø (counter flexing)	240 mm

ITEM INFORMATION	
Item number	411360118
Product category	PVC conveyor belt

CHARACTERISTICS	
<ul style="list-style-type: none"> <li>■ Good oil- and fat resistant</li> <li>■ Good wear and cut resistance</li> </ul>	



For individual splice options please contact us!

BOTTOM COVER	
Thickness	0,00 mm
Material	Fabric
Profile	-
Hardness	-

INTERNATIONAL STANDARDS <small>CERTIFICATE ON REQUEST</small>	
FDA	No
USDA	No
EU	No
ATEX	No

All data are approximate values and defined under the following standard climatic conditions: 23 °C, 50 % relative humidity (ISO 554).

For finding the right product to your application please contact our technical department.  
For splicing Instruction please contact [luwilite@lutze-group.com](mailto:luwilite@lutze-group.com)

02/2025 Subject to change.

## System components for the optimal use of the PVG 70

### LUWITAN

#### Head scraper

- Scraper strip made from highly wear resistant LUWITAN®
- 85 ± 5 Shore A, blue
- Belt widths: 500 to 1,400 mm
- Simple and quick installation
- Quickly change the preload without tools
- For cleaning, fold down and tension again in a matter of seconds



### SAFELOAD

#### Feeding station

- Modular structure with great variability
- Simple and minimal maintenance
- Sealing the feed point with a dust seal cloth
- Exact middle positioning of the material to be conveyed
- Belt widths from 500 to 1,400 mm
- Avoids material loss

#### Skirting rubber red

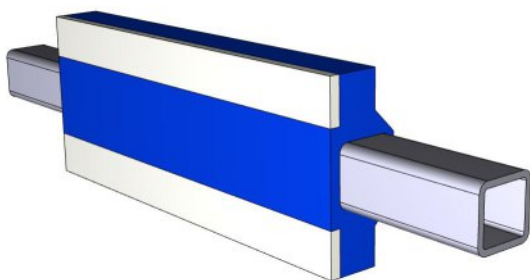
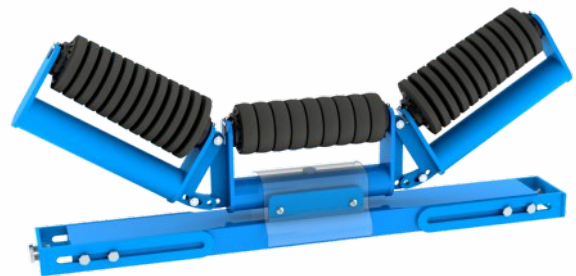
- Belt-friendly version in 45 Shore A
- Flexible use
- Fits in existing fixtures
- Adapts to the conveyor belt and does not damage it
- Prevents material from getting into the lower belt



## System components for the optimal use of the PVG 70

### Belt guiding station STAR tracker<sup>®</sup>

- Works with flat or troughed belts
- Bearing cover and holding locks for the idlers
- Large selection of idler qualities
- Functionality even with installation on the running side e.g. for belts with a profiled cover
- Symmetrical structure, also for use in reverse operation
- High economic efficiency: wearing parts are just the idlers that can be changed in a few minutes



### LUWITAN

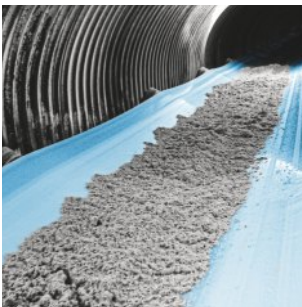
#### Duo turn cleaner

- Scraper made of highly wear resistant LUWITAN<sup>®</sup>
- Blade  $70 \pm 5$  Shore A, blue, wear edge  $72 \pm 5$  Shore D
- Ideal addition to the LUWITAN<sup>®</sup> head scraper
- Can be used in fixtures from other manufacturers

The LUTZE Group offers a comprehensive range of products and services in the conveyor and plastics technology sectors.



- Conveyor technology
- Plastics technology
- **LUWITAN** wear protection
- **LUWISPRAY** spray coating
- **LUWIREP** repair systems
- Water jet cutting
- Service



LUTZE GROUP GERMANY

info@lutze-group.com | www.lutze-group.com



Management system for safety,  
health and environmental  
protection  
Certified according to the  
SCC\*\* Standard

