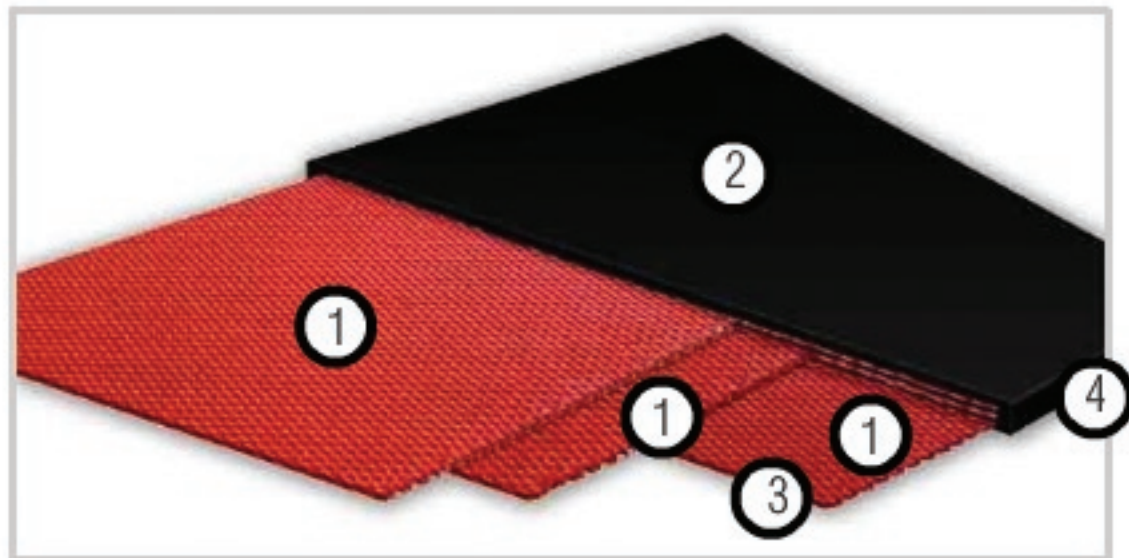


## INTERNAL PARTS OF CONVEYOR BELTS

1. The carcass
2. Upper rubber cover
3. Back rubber cover
4. Rubber protecting edges



For producing of carcass, which is made from one or more textile insertions is used:

- EP warp POLYESTER, weft POLYAMIDE
- PA warp POLYAMIDE, weft POLYAMIDE
- RP warp RAYON, weft POLYAMIDE
- B warp COTTON, weft COTTON

Rubber cover with its characteristics must provide stability to the influence of transported material, stability to weather influence, abrasion and heat resistance.

Rubber protected edge protects the carcass and amortize side kicks.

## CONVEYOR BELTS FOR STANDARD PURPOSE

rubber coverings with standard resistance to using conditions.

- Environmental temperature - 25°C to +60°C.
- Transporting material temperature - max. + 60°C.



Conveyor belts of the quality Y and Z are suitable for transport of abrasive and weak abrasive materials: coal, sand, soil, salt, gravel, etc. Conveyor belts W and X by characteristics belong to antiabrasive belts and they are used for transport of very abrasive materials like quartz, stones, glass, pyrite, limestone, etc.

This type includes four (4) covering qualities by standard DIN 22 102.

| rubber covering quality | tensile strength min (Mpa) | elongation (% min) | abrasion (mm <sup>3</sup> ) max. |
|-------------------------|----------------------------|--------------------|----------------------------------|
| W (AA)                  | 18                         | 400                | 90                               |
| X (M)                   | 25                         | 450                | 120                              |
| Y (N)                   | 20                         | 300                | 150                              |
| Z (P)                   | 15                         | 350                | 250                              |

## CONVEYOR BELTS FOR SPECIAL PURPOSE



Self extinguishing conveyor belts

Type - K – self-extinguishing conveyor belts with static electricity conductive covering.

Type - S - self-extinguishing conveyor belts with or without static electricity conductive covering.

Use on places where great danger from fire (underground mines) exists.

Correspond to the quality Y and Z.



# HEAT, OIL AND LOW TEMPERATURE RESISTANT CONVEYOR BELTS

## Heat resistant conveyor belts

- T<sub>1</sub> - max. Temperature of material 100°C occasionally up to 120°C
- T<sub>2</sub> - max. Temperature of material 125°C occasionally up to 150°C

Correspond to the quality Z.

## Oil resistant conveyor belts

### Type "G"

Used for transport of material with content of oils and fats.

Correspond to the quality Y i Z.

## Low temperature resistant conveyor belts

### Type "R"

Used for transport of different materials at low temperatures.

Produced in three (3) types of quality:

R1 - 30°C,

R2 - 45°C,

R3 - 60°C.

Correspond to the quality Y.

# CONVEYOR BELTS FOOD STUFF AND CHEMICAL INDUSTRY



Conveyor belts for food stuff

Type "A"

Used in food industry for the transport of food stuff materials.

Characteristics of covering correspond to the quality Y a Z.

- Conveyor belts for chemical industry

Type "C"

Used for transport of aggressive chemical materials in chemical industry.

Characteristics of covering correspond to the quality Y i Z.

# ELEVATOR, PATTERN AND RIBBED CONVEYOR BELTS



## Elevator conveyor belts

Used for transport of material with metal cart by angle from  $70^{\circ}$  to  $90^{\circ}$ .  
Produced in width from 300 mm to 1000 mm and thickness min. 8 mm.

## Pattern conveyor belts

Used for transport of material by angle, because belt preventing sliding of material by their pattern.  
Suitable for transport of bags, packages, wood and other materials in internal transport.

## Ribbed conveyor belts

Used for transport of material by bigger angle.  
Ribbed conveyor belts are with ribs stacked on additionally.  
Ribs are the same quality as cover.