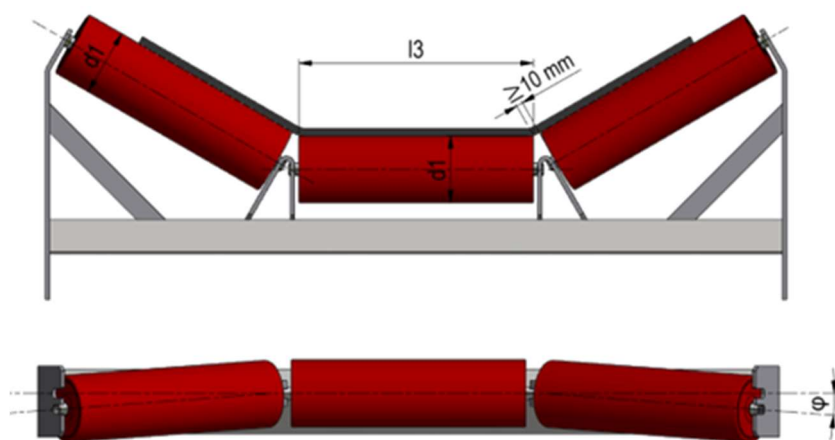


Tehnične zahteve za gumo ST 1600 – 10/5 – 1400 mm

- Primeren za podzemno uporabo po standardu EN 14973:2016, varnostna kategorija V/C2+A1.
- EN ISO 15236-3 – Gume transportnih trakov z jeklenimi vrvmi, vzdolžna razporeditev.
- Visoko odporna na obrabo, $\leq 150 \text{ mm}^3$.
- Električna upornost EN 14973:2016, antistatičen v skladu z EN ISO 284:2013, max 300 M Ω .
- Test samougasljivosti oz. težko gorljivosti v skladu z EN ISO 340:2022.
- Preizkus trenja bobna po ISO 1554 B2.
- Test širjenja ognja po EN 12881-2 in EN 12881-1 Metoda A.
- Predati certifikat kakovosti z doseženimi tehničnimi karakteristikami za vsak kolut gume. Dosegati mora minimalne tehnične karakteristike iz tabele.
- Vsa transportna guma (navita na kolute, 150 m na enem kolutu) mora imeti ustrezno zaščito (pokrivalo) pred vremenskimi vplivi.
- Razdalja med valjčki $\geq 10 \text{ mm}$.
- Spojni material: biti svež (izdelan tik pred dobavo), definirati rok trajanja (daljši rok ima prednost), definirati najkrajši rok izvedbe, ko se lahko izdelata spojni material.
- Predati podroben seznam potrebnega spojnega materiala za en vulkanizacijski spoj in skico spoja za trak z jeklenimi vrvmi.
- Na zahtevo investitorja je dobavitelj dolžan izvesti nadzor pri izvedbi 1 spoja.



Technical requirements for Belt ST 1600 – 10/5 – 1400 mm

- For underground belt, it's according to the standard EN-14973:2016, safety category C2.
- EN ISO 15236-2 A1 :2017– Steel cord conveyor belts, with longitudinal steel cords.
- High abrasion resistance, $\leq 150 \text{ mm}^3$.
- Electrical conductivity EN 14973:2016 max 300 M Ω acc. to ISO 284:2012.
- Fire resistant testing acc. to EN ISO 340:2022.
- Drum friction test according to ISO 1554 B2.
- Fire propagation testing acc. to EN 12881-2 in EN 12881-1 Method A.
- Submit a quality certificate with the basic technical characteristics for each belt number. Minimal technical Requirements according to table.

- All transport rubber (rolled on reels, 150 m rubber on one reel) must have adequate protection or covered from the weather.
- The distance between the rollers ≥ 10 mm.
- The splicing material (a longer lifespan is preferred) , define the shortest executing period when the splicing material can be produced.
- Submit a sketch of the vulcanization joint and a detailed list of required Splicing material for one splice of the Steel Conveyor Belt.
- On request participate as a supervisor at the implementation of the first splice.

Tehnični list s tehničnimi podatki (Technical sheet with technical data).

Minimum technical Requirements, St1600 –10/5-1400 mm, Steel Cord Belt, C2	
Width (mm)	1400
Thickness of belt (mm)	20 +2/-1,5
Thickness of top cover (mm)	10
Thickness of bottom cover (mm)	5
Weight of belts:/	/
Width of belt edges (mm)	≥ 15
Nom. Breaking strenght (N/mm ²)	≥ 1600
Rubber compound	EN14973, Fire resistant, Antistatic
Elongation at break	$\geq 350\%$
Abrasion: \leq mm ³	≤ 150 mm ³
Antistatic conductivity (Mohm)	≤ 300
Hardness (Shore)	65 \pm 5
Number of cords:	90 (zinc coated, a hot dip process)
Cord pitch (mm)	15 \pm 1,5
Diameter of steelcord (mm)	min 5,1-5,3
Breaking strenght of steel cord (kN)	>26kN
Static pull-out force (N/mm)	≥ 105
Adhesion cover to strenght member (N/mm)	≥ 12 N/mm
Splicing material	Define: *sketch of joint and detail list of material needed for one splice. * expiration day of the splicing material (a longer lifespan is preferred).