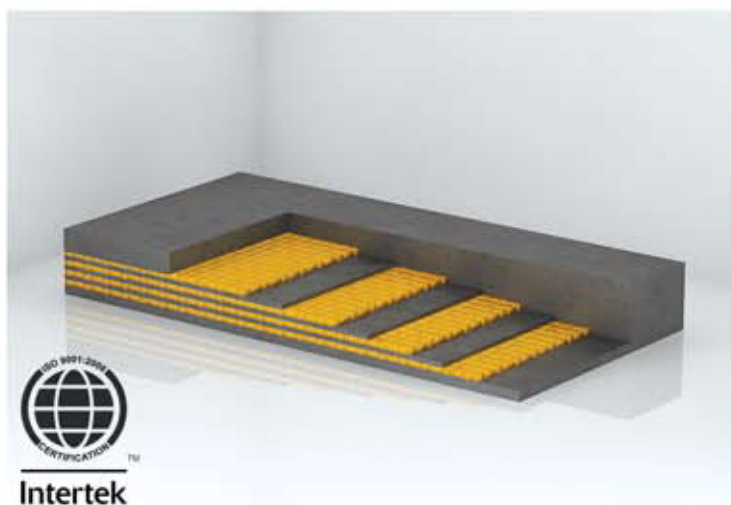


CONVEYOR BELTS HEAVY DUTY



ADVAN®-W Conveyor belts for high load are delivered to some of the largest mining companies in the tens of thousands meters per year to transport coal and other abrasive materials.

We use top quality textiles, supplied by the world industry leader in the Technical polyester textiles to provide maximum strength when starting the operation and bending around the cylinders of the actuator stations. ADVAN®-X is also characterized by perfect resistance to shock and tearing.

By applying innovative technologies, we develop more sustainable and economically- effective rubber compounds. The rich experience of our specialists allows us to offer solutions for conveying super abrasives at the most difficult working conditions.



These are conveyor belts for heavy conditions of operation, accompanied by cutting and shock loading. Strong abrasive material is transported, which causes strong wear of the belt e.g. metal ores, limestone, granite, quartz furnace clinker and slag, crushed metal ore, sandstone, broken paving stones, slate, coke (cold), broken glass and gravel.

The conveyor belts, developed for these working conditions by ADVAN® are characterized with high quality rubber covers and high strength of multilayer carcass. The conveyor belts are well known for their reliability in all industrial applications.

Depending on the characteristics of the covers, the following conveyor belts in the table below are manufactured:

INDICATORS	TYPE OF RUBBER COVERING	
	Technical Characteristics: (DIN 22102: 1991)	
	Advant®-W	Advant®-X
Tensile strength N/mm, min	18	25
Elongation %, min	400	450
Abrasion mm ³ , max	90	120
Designation	For especially high abrasive materials including cobs of 500 mm.	For high abrasive materials including cobs of 400 mm.
	Technical Characteristics: (ISO 10 247:2004)	
	Category H	Category D
Tensile strength N/mm, min	24	18
Elongation %, min	450	400
Abrasion mm ³ , max	120	100
Designation	difficult operating conditions- cutting and impact load	highly abrasive materials

Antistatic in accordance with standard EN ISO 284:2007.

The category HEAVY DUTY conveyor belts are recommended for: quarries, pits, concrete plants, thermal power station, recycling, waste incineration factories, ore, recycling machines for production and maintenance of roads.

Type	Belt strength /N/mm/	Top cover /mm/	Bottom cover /mm/	Total thickness /mm/	Adhesion /min/	Elongation EASL (10%) /%/	Standard roll length /m/	Operational temperature /°C/
3150/5	3300	6-12	3-4	24.5-31.5	9	2.2	200	-25° - +90°
2500/4	2700	6-12	3-4	21.5-28.5	9	2.2	200	-25° - +90°
2500/5	2600	6-12	3-4	22.5-29.0	9	2.2	200	-25° - +90°
2000/4	2150	6-12	3-4	20.0-27.0	9	2.0	200	-25° - +90°
2000/5	2200	6-12	3-4	21.0-28.0	9	2.0	200	-25° - +90°

There are other configurations upon request.

