



Heat can do a lot of damage to the carcass of the conveyor belt itself. It is very important to choose the right thickness of the covers because they act as a direct barrier between the heat source and the carcass. Basically, the thicker the covers, the better the protection it offers. Artego's **HEATSTOP** conveyor belts are specially engineered to convey sintered ore, hot pellets, hot clinker, hot chemicals, fertilizers, hot cement and many other materials.

The carcass is made of polyamide / polyester (EP), polyester/polyester (EE).

COVER GRADE OPTIONS

ARTEGO standard	Type	Tensile strength	Elongation at break	Abrasion loss	Cover polymer	Resistance to accelerated ageing					
						Tensile strength decrease		Elongation decrease		Hardness increase	
						168h/160°C	168h/130°C	168h/160°C	168h/130°C	168h/160°C	168h/130°C
HEATSTOP	T2-130°C	150	450	200	SBR	-	60%	-	80%	-	20%
	T3-150°C	120	350	200	EPDM	60%	-	80%	-	20%	-
	180°C	120	350	250	EPDM	60%	-	80%	-	30%	-

Materials carried	Lump size	Temperature of conveyed materials	Belt surface temperature
Sintered ore	25 - 200 mm	200 - 400°C	130 - 150°C
Return of sintered ore	< 10 mm	260°C	150 - 190°C
Coke	100 - 200 mm	70 - 100°C	50 - 60°C
Raw material	< 30 mm	180 - 220°C	100 - 120°C
Clinker	10 - 30 mm	100 - 220°C	100 - 110°C
Cement	Powder	100 - 125°C	80 - 90°C
Metal powder	-	170°C	120 - 130°C
Sand moulding	-	200 - 250°C	80 - 90°C

BELT EDGES

HEATSTOP conveyor belts with multiply fabrics are available with both cut and moulded edges.

For more information, prices and technical support please visit our website at www.artego.ro

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