



This is a special grade belt which handles very well in working conditions involving oil, grease and the possibility for fire.

ARTE-GM+K belts are engineered in 6 cover grades: GM+K, GM+S, G+K, G+S, ROS+K, ROS+S following DIN 22102/1-91 and ISO 433 S and K standards of quality.

ARTE-GM+K belts are already successfully used in grain terminals, ports and other businesses all over Europe and other continents. **The carcass is made of polyamide / polyester (EP), polyester/polyester (EE).**

COVER GRADE OPTIONS

ARTEGO standard	DIN quality	Tensile strength	Elongation at break	Abrasion loss	Cover polymer	Technical features Application area
ARTE-GM+K	GM+K	140	350	200	NBR+SBR	Medium oil resistant conveyor belts with antistatic and flame resistant covers. Works in -30 to +70°C.
	GM+S	140	350	200	NBR/SBR	Medium oil resistant, antistatic and heavily inflammable conveyor belts. Works in -30 to +70°C.
	G+K	140	350	200	NBR+SBR	Good oil resistant conveyor belts with antistatic and flame resistant covers. Works in -30 to +80°C.
	G+S	140	350	200	NBR+SBR	Good oil resistant, antistatic and heavily inflammable conveyor belts. Works in -30 to +80°C.
	ROS+K	150	350	200	NBR	Excellent oil resistant conveyor belt with antistatic and heavily inflammable covers. Works in -30 to +100°C.
	ROS+S	150	350	200	NBR	Excellent oil and grease resistant, antistatic and heavily inflammable conveyor belt. Works in -30 to +100°C.

GRADE	Surface electrical resistance as per SR EN20284 (DIN 22104), Ω , max	Fire resistant product as per SR ISO 340 (DIN 22103); flame resistance time after retirement of burner.		RESISTANCE TO OILS	
				ASTM#1 OIL ΔV , max, (%)	ASTM#3 OIL ΔV , max, (%)
GM+K	3×10^8	45***	15****	$\pm 10^{**}$)	$\pm 50^{**}$)
GM+S	3×10^8	45	15	$\pm 10^{**}$)	$\pm 30^{**}$)
G+K	3×10^8	45	15	$\pm 10^{*}$)	$\pm 50^{*}$)
G+S	3×10^8	45	15	$\pm 8^{*}$)	$\pm 50^{*}$)
ROS+K	3×10^8	45	15	$\pm 10^{*}$)	$\pm 20^{*}$)
ROS+S	3×10^8	45	15	$\pm 10^{*}$)	$\pm 20^{*}$)

BELT EDGES

ARTE-GM+K conveyor belts with multiply fabrics are available with both cut and moulded edges.

*) refers to testing method which involves exposure for 70 hours at 100°C

**) refers to testing method which involves exposure for 70 hours at 70°C

ΔV refers to the volume variation

*** number for each group of 6 test samples, (s), max.

**** value for each tested sample, (s), max.