



General use conveyor belts with breaker, **ARTEGOFLEX**, are specially designed to withstand the impact of sharp and bulky materials. They are also known as impact and tear resistant belt. The special characteristics of these belts are provided by the unique textile or metal breakers which support the carcass. **ARTEGOFLEX** conveyor belts are available with different cover qualities: X, Y si Z DIN 22102/1-91. Others available on request. Please contact ARTEGO for more details. The carcass is made from polyamide/ polyester (EP), polyester/ polyester (EE). The position of the breakers can be chosen bt the client.

OPTIONS

ARTEGO standard	TYPE	RR	AR	ABR	Technical specifications Field of use
ARTEGOFLEX	X	250	450	120	Characterized by very good tensile strength and satisfactory levels of abrasion.
	Y	200	400	150	General use conveyor belts with very good resistance to abrasion and cuts.
	Z	150	350	250	These conveyor belts are ideal for light working conditions.

Dimensions	Width, mm.			800 - 1600 ± 1%								
	Thickness of belt , mm			8 - 24								
	Thickness of covers, mm			On customer's demand								
	Deviation from thickness	belt	under 10 mm	± 1 mm								
			over 10 mm	± 10 %								
		rubber cover	under4 mm	- 0.2 mm / + free								
over 4 mm	- 5 % / + free											
Characteristics of insertions	Length, m,			On customer's demand								
	Insertions number			2 - 4								
	Type of insertion			EP 80	EP 100	EP 125	EP 160	EP 200	EP 250	EP 315	EP 400	
	Tensile strength, kgf. (for 50mm * 200mm)		longitudinal	500	700	800	1000	1200	1500	2000	2200	
Breaker characteristics			transversal	250	250	350	380	500	500	500	500	
	Type of breaker			BF 125 RE				BF 125 HE				
	Transverse strength range, N/mm			125				125				
	Mass, kg/m ²			0.55				0.75				
	Fabric thickness, mm			1.60				1.95				
	WARP YARNS			Nylon 940 * 2 * 2, RFL								
	Density, yarns/m			200				200				
	Warp strength, N/mm			50				50				
	WEFT CORDS			2 * 2 * 0.38				4 * 4 * 0.22				
	Diameter, mm			1.00				1.35				
	Breaking load		Average, N	1050				1220				
			Minimum, N	970				1150				
	Brass coating		% Cu	63.5								
			% Zn	36.5								
Adhesion, kgf/cm, min.	Pitch, mm			7.5				8.9				
	Density, cord/m			133				112				
	between plies			5								
	between insertions and rubber covers		under 1.5mm	3.5								
			over 1.5mm		4.5							
Edges				covered edges								
Surfaces				both surfaces covered								
Breaking force of conveyor belt. (kgf/cm)				Is given by the type and number of insertions								

For more information, prices and technical cards please visit us at www.artego.ro

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