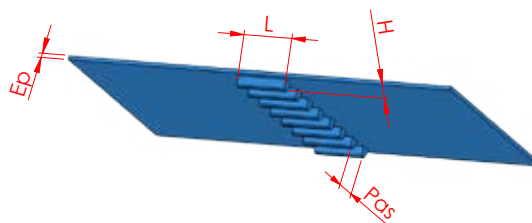




«THE BELT THAT COMBINES CONVEYANCE AND SYNCHRONOUS DRIVE WITH EXTREME PRECISION»

SERIE 010						
Reference	AG010	AG010+	AG010R	AG010R+	AG010RPI	AG010R+PI
Material	Polyurethane		Polyurethane		Polyurethane	
Colour	Blue		Blue		Blue	
Food	CE / FDA		CE / FDA		CE / FDA	
Top surface	Smooth		Smooth		Spikes	
Bottom side	Smooth		Smooth		Smooth	
Hardness	80 ShA		85 ShA		85 ShA	
Aramid cable reinforcements	NO		YES		YES	
Pitch (mm)	10		10		10	
Teeth WxH (mm)	25x3	25x4.5	25x3	25x4.5	25x3	25x4.5
Thickness (mm)	1.7		1.7		1.7	
Max. width (mm)	350		350		350	
Min. length (mm)	350		940		940	
Weight (kg/m ²)	2		2		2	
Min. pulley diameter (mm)	25		37		37	
Temperature range	-20°C to +40°C		-20°C to +50°C		-20°C to +50°C	
Traction force at 0.5% elongation for a width of 100mm	3 daN		30 daN		30 daN	
Friction coefficient on	HDPE	0.35	0.35	0.35	0.35	0.35
	Stainless steel	0.7	0.7	0.7	0.7	0.7

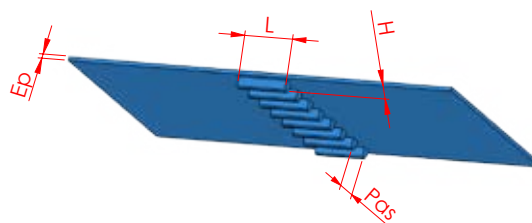




DEL/SYNC®



	SERIE 100					SERIE 200		
	AG110 R	AG110 R+	AG110 RPI	AG110 R+PI	AG110 R+GR	AG208 R	AG212 R	AG212 RP
Reference	AG110 R	AG110 R+	AG110 RPI	AG110 R+PI	AG110 R+GR	AG208 R	AG212 R	AG212 RP
Material	Polyurethane		Polyurethane		Polyurethane	Polyurethane	Polyurethane	Polyurethane
Colour	Blue		Blue		Blue	Blue	Blue	Blue
Food	CE / FDA		CE / FDA		CE / FDA	CE / FDA	CE / FDA	CE / FDA
Top surface	Smooth		Smooth		Smooth	Smooth	Smooth	Smooth
Bottom side	Smooth		Smooth		Rice grain	Smooth	Smooth	Smooth
Hardness	95 ShA		95 ShA		95 ShA	95 ShA	95 ShA	95 ShA
Aramid cable reinforcements	YES		YES		YES	YES	YES	YES
Pitch (mm)	10		10		10	8	12.7	12
Teeth WxH (mm)	25x3	25x4.5	25x3	25x4.5	30x4	50x4.5	30x5	50x6
Thickness (mm)	2.3		3.7		2.3	3	3	3
Max. width (mm)	350		350		350	350	390	390
Min. length (mm)	940		940		940	950	950	950
Weight (kg/m ²)	2.9		2.9		2.9	4	4	4
Min. pulley diameter (mm)	50		50		50	65	65	65
Temperature range	-20°C to +70°C		-20°C to +70°C		-20°C to +70°C	-20°C to +70°C	-20°C to +70°C	-20°C to +70°C
Traction force at 0.5% elongation for a width of 100mm	75 daN		75 daN		75 daN	95 daN	95 daN	95 daN
Friction coefficient on	HDPE	0.25	0.25	0.25	0.20	0.25	0.25	0.25
	Stainless steel	0.6	0.6	0.6	0.5	0.6	0.6	0.6



DEL/SYNC®



The positive drive DEL/SYNC® is a **reinforced homogeneous belt combining conveyance and synchronous drive with extreme precision** and hygiene.

It offers **excellent guidance** thanks to internal moulded teeth and **precise positioning** of the transported products.

The DEL/SYNC® is **reinforced with aramid reinforcements** that eliminate elongation.

Both the upper and lower surfaces are easy to clean and ensure **optimal hygiene**.

DEL/SYNC® also works with **small pulley diameters**.

Products in the DEL/SYNC® range offer a belt tailored **to different applications**. Consideration should be given to the need for friction, pulley diameter, loads conveyed, length of conveyor...

We distinguish 3 series of belts in the range:

Series 010: Lightweight, thin belts with a 10mm pitch for use on small pulley diameters.

Series 100: Belts with a 10mm pitch, of greater thickness and strength, used for handling higher loads.

Each belt in these two series is offered in a newer variant with deeper teeth. These belts have the following advantages

- Better guidance on the centre distance, especially in the case of side loading on the belt.
- Better drive on the sprocket when loads are high.

The AG110R+GR belt is available with a rice grain pattern on the bottom, which reduces frictional forces and improves sliding on the conveyor bed, especially in greasy and wet conditions.

Serie 200 : Special belts on request with a pitch of 8 to 12.7mm for long lengths.

Possibility of manufacturing belts with specific characteristics (thickness, hardness, distribution of cords, two coats). Minimum quantity, please consult us.

Reinforced belts are finger jointed.

A molded studded surface is available on request.

Synchronous shaped profiles can be fitted to the belt to ensure accurate indexing of the conveyed products.





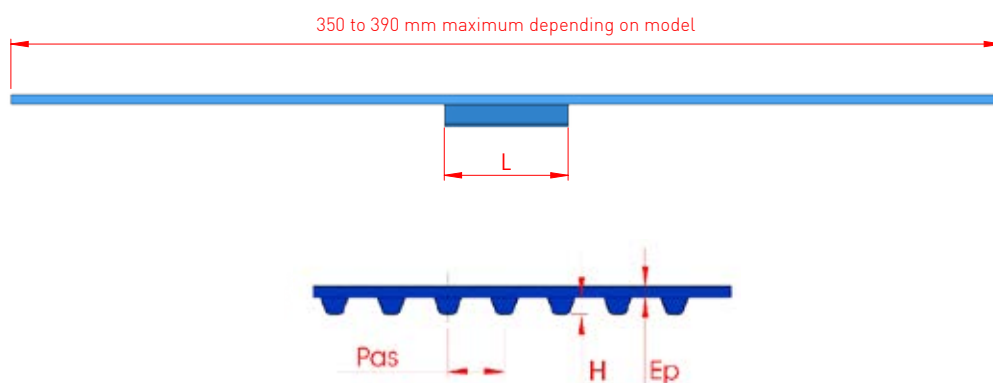
DEL/SYNC®

To facilitate the assembly and adjustment of a DEL/SYNC® belt, it is essential to provide a **fixed tension system** with **take up equal to 1.5%** of the length of the conveyor. [-1% ; 0.5% compared to the theoretical distance].

The tension should be checked with the template supplied with the belts.

In the case of belts installed in parallel, **independent tension systems** must be provided.

A mechanical quick release system for the return shaft facilitates the assembly/disassembly of the belt, especially for cleaning operations on the conveyor.



SPROCKETS



REFERENCE	DEL/SYNC® SERIES	PITCH (mm)	MATERIAL	COLOUR	OUTER Ø (mm)	NUMBER OF TEETH	Ø OF ROUND SHAFT (mm)	WIDTH (mm)
PA10BUN12R16	010	10	HDPE	Blue	37	12	16	33
PA10BUN16R16	010 and 100	10	HDPE	Blue	50	16	16	33
PA10BUN16R25	100 ⁽¹⁾	10	HDPE	Blue	50	16	25	38
PA10BUN24R25	010 and 100	10	HDPE	Blue	74.5	24	25	33
PA10BUN24R25-001	100 ⁽¹⁾	10	HDPE	Blue	74.5	24	25	38
PA10BUN36R25	010 and 100	10	HDPE	Blue	113	36	25	33
PA13WUN24R25	200 ⁽²⁾	12,7	HDPE	White	94.6	24	25	38
PA13WUN36R25	200 ⁽²⁾	12,7	HDPE	White	143.1	36	25	38

(1) Only for AG110R+GR.

(2) Except AG208R and AG212RP (custom made sprockets).

For other sprockets, please consult us.