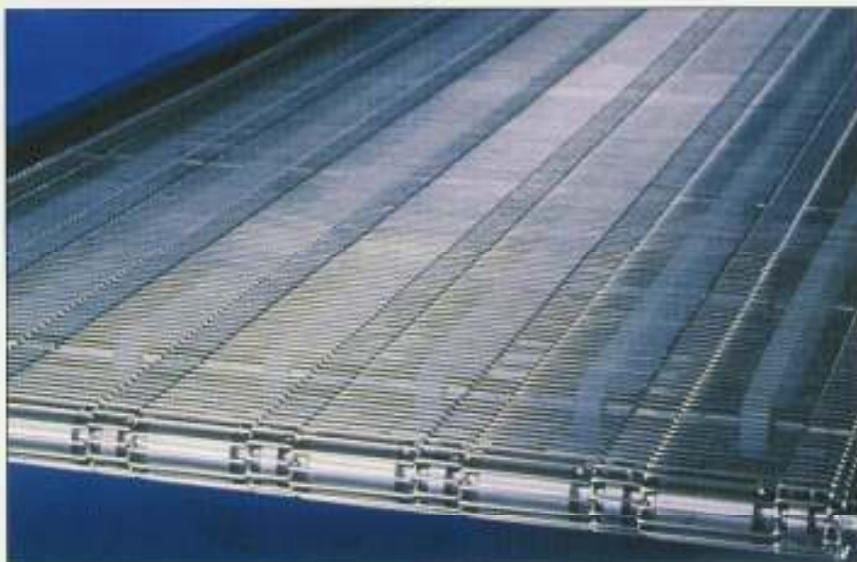


Flat-Flex[®] XT[™]

Wire Conveyor Belts

Product Summary

- Innovative belt spacing layout for improved performance
- Designed for demanding, medium-duty applications
- Greater load carrying capability
- Provides greater product support
- Up to 74% open area
- Flexibility for tight product transfers
- Easier to clean than comparable metal and plastic belts
- More open area than comparable load bearing metal belts
- Simple, positive drive system virtually eliminates tracking problems
- Low belt mass



Flat-Flex[®] Gets Tough

Flat-Flex[®] XT wire conveyor belt combines all the advantages of our range of open mesh belts plus improved load carrying capability and increased product support for 'medium duty' processing. The new belt is designed to provide customers with maximum openness combined with greater strength to meet higher loading requirements or longer belt circuits.

XT enjoys the established benefits of Flat-Flex[®], namely greater open area for maximum flow through and drainage; greater flexibility for tight product

transfers; easier 'cleanability' for hygienic operation; simple, positive drive system for faster set-up, low power requirement and virtually no tracking problems.

The strength of the Flat-Flex[®] design comes from the 'Z-bend' joints formed into the wire mesh. As a rule, the greater number of joints across the width of the belt, the stronger the belt.

The new Flat-Flex[®] XT belt spacing layout maximises the number of joints in a given belt width. This results in high strength, high load carrying capability, increased product support and reduced unscheduled down-time for the end user.

Product Specifications

Designation	X426	X328	X247	
Pitch (mm)	7.26	9.6	12.7	
Wire Dia. (mm)	1.57	2.08	1.83	
Nominal belt thickness at joint (mm)	4.1	5.2	4.5	
End loop size (mm)	7	8	7	
Weight per sq. metre (Average in Kg)	2.95	3.95	3.05	
Max. belt load per sq. metre (Kg)*	17	73.2	67.4	
Max. tension per space (Newtons)	66.7	97.8	80	
Grooved Transfer	Min. roll dia. (mm)	19	25	29
	Groove depth (mm) (includes clearance)	4	5	6.5
	Min. reverse bend dia. (mm)	73	96	127
	Speed range for 'Optimum Belt Life' (mpm)	0-15	0-25	0-20
	Typical Open Area (%)	71%	67%	74%

*Assuming correct belt support and subject to limiting belt tension

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