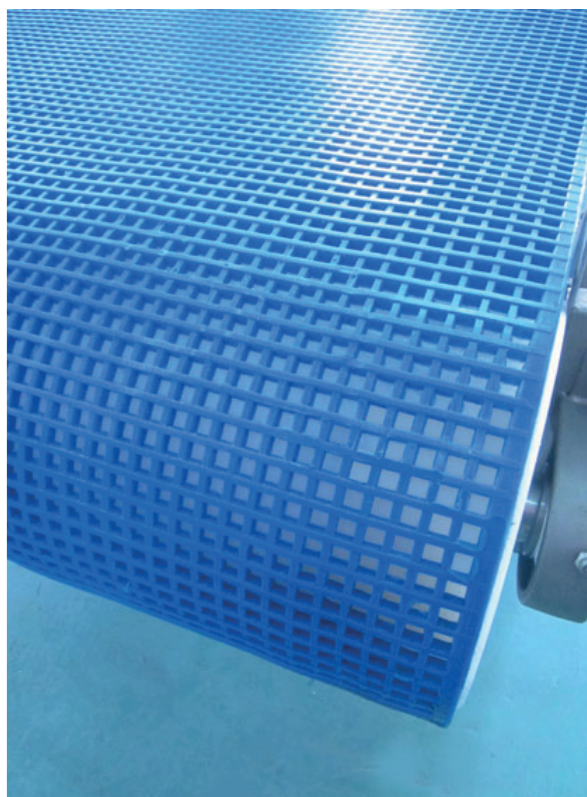
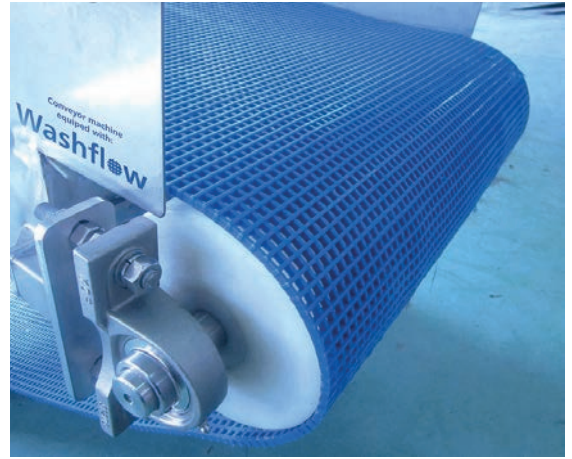
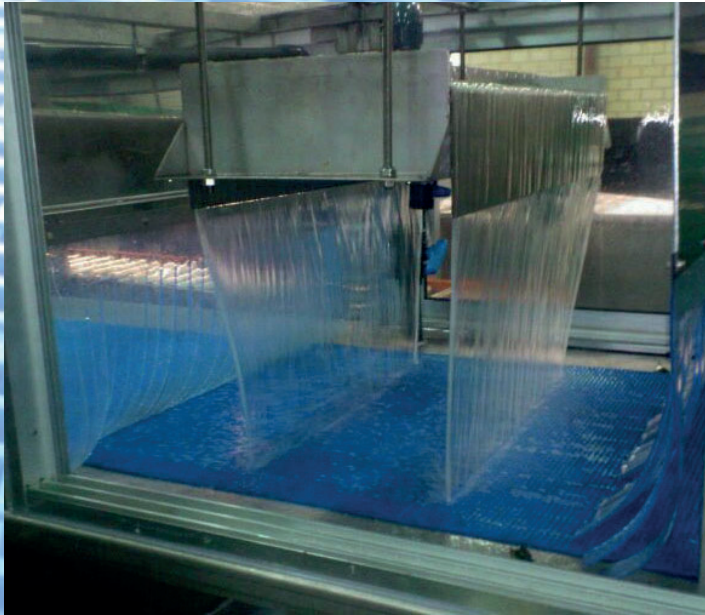


esbelt.com



## Washflow® belts

A new concept in belts for the washing and conveyance of vegetables, fruit and frozen foods, as well as for draining liquids and screening solid waste.



### Characteristics:

- Resistant to abrasion.
- Resistant to hydrolysis.
- Weather resistant.
- Lightweight (low electricity consumption).
- Flexible (permits small flexing and back-flexing diameter pulleys) even at low temperatures.
- Low maintenance.
- No noise.
- Good performance with oils and acids.
- Easy to clean (less water consumption).
- **Vulcanised splice** or mechanical fasteners.
- Different grid sizes:  
6 x 6 mm / 12 x 12 mm adapting to different granulometries of solids or water flows.
- Maximum width of manufacture: 1,450 mm

### Applications:

All applications which require continuous conveyance, rinsing or draining, such as:

- Conveyance, washing and rinsing of vegetables, olives, fruit, fish and more....
- Production of prepared foods (e.g. salads).
- Desalting meats.
- Grey water treatment in industry in general.
- Cooling lines of crown caps.

### Sectors:

- Olive
- Canned vegetables
- Fish
- Vegetable processing
- Bakery
- Meat industry...

In applications where traditionally modular belts were used for the conveying, washing and draining of vegetables, soil and stones can very quickly block the holes and joints (see photo).

This significantly hinders its operation, producing premature wear and continual breakdowns due to breakage of parts (see photos).

The elasticity and design of **Washflow®** reduces the accumulation of waste material, facilitates its release and maintains the drainage flow.



*Dirt, soil and stones that have to be separated from the product get stuck in the holes in modular belts.*

## **Advantages of Washflow® belt.**

### **LONGER LASTING THAN MODULAR BELTS.**

The belt is designed without joints (pins) or added lateral reinforcement, which can come loose and deteriorate. It is possible to manufacture the belt TRULY ENDLESS. It is long lasting, up to four times longer than a modular belt in certain applications.

### **CLEANING – LESS WATER AND TIME CONSUMPTION.**

The simple, uniform structure of **Washflow® belts** permits fast, simple and effective cleaning.

### **REDUCED MAINTENANCE COSTS.**

The belt is manufactured from very light, flexible and tear resistant PU with internal reinforcement, resulting in very few breaks, faults and unexpected stoppages. It does not damage the conveyor structure due to abrasion/wear, unlike heavier, more rigid modular belts. Easy belt centring and guiding.

### **EASY TO REPLACE**

Smooth traditional belts can be replaced with **Washflow® belts** without change to the conveyor.

### **REDUCED ELECTRICITY CONSUMPTION.**

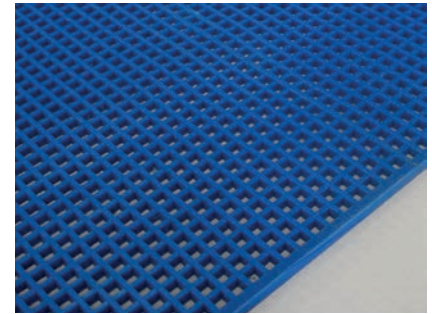
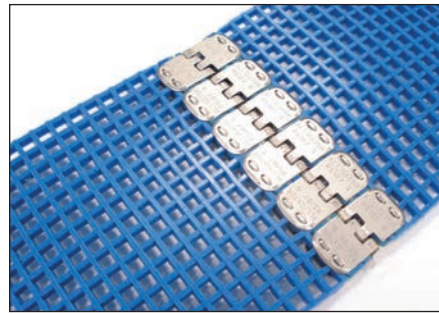
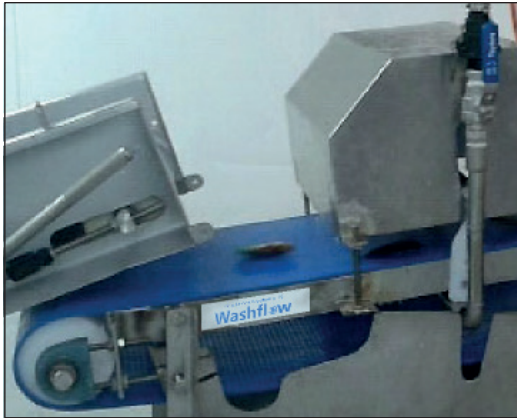
Thanks to its low weight and low friction coefficient, it has a low power consumption.

### **ADAPTABLE TO DIFFERENT GRANULOMETRIES AND FLOWS.** Range of grid sizes.

**Choosing Washflow® belt reduces the cost of the conveyor, maintenance and electricity costs.**

# Technical data sheet

Type	Material	Hardness °ShA	Colour	Grid size mm	Constant (intermittent) temperature °C	Belt thickness mm	Belt weight kg/m <sup>2</sup>	Friction coefficient						Min. diameter (without solid transi- tion zone) mm	Working load at 1% elong. N/mm	Working load at 1.2% elong. N/mm	Breaking load belt N/mm	Max. roll width mm
								Wood		Steel		Plastic						
								SK	DK	SK	DK	SK	DK					
WFU06A06	PU	85	Blue 06	6 x 6	-25 (-30) +60 (70)	5,80	3,30	0,50	0,53	0,33	0,29	0,42	0,44	60	10	13	30	1450
WFU12A06	PU	85	Blue 06	12 x 12	-25 (-30) +60 (70)	7,45	3,90	0,62	0,64	0,51	0,42	0,61	0,57	80	25	31	63	1450



**Joint without fully covered transverse zone** (flexible joint, almost invisible)

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