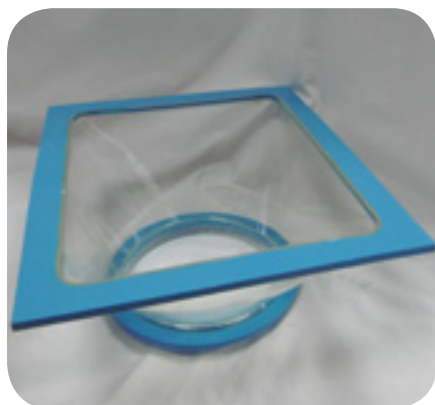


➔ Volta food grade materials possess mechanical characteristics which make them ideally suited to static elements such as **funnels or chutes**. These elements are common in free fall of food products and chemicals and, when fabricated from conventional, inflexible materials such as polycarbonate or steel, can be hazard points or elements of concern in production for a number of reasons;

- Hard elements causing damage to product in free fall
- Elements from inflexible materials can jam when (irregular and bulky) product flow is at maximum
- Polycarbonate elements are often cracked when removed for cleaning and refastened with bolts by maintenance staff
- With solids, noise levels can be high
- Bolts and fasteners can be difficult to open
- Steel elements do not offer visibility into the product flow
- Low cleanability



➔ Volta uses homogeneous food grade materials, including transparent and translucent conform to designs for **funnels, chutes, pipes** and similar elements to eliminate all the above problems. Flanges can be welded on to facilitate the fixing of the Volta funnels in the flow line.



Square to round flanged funnel



Double funnel

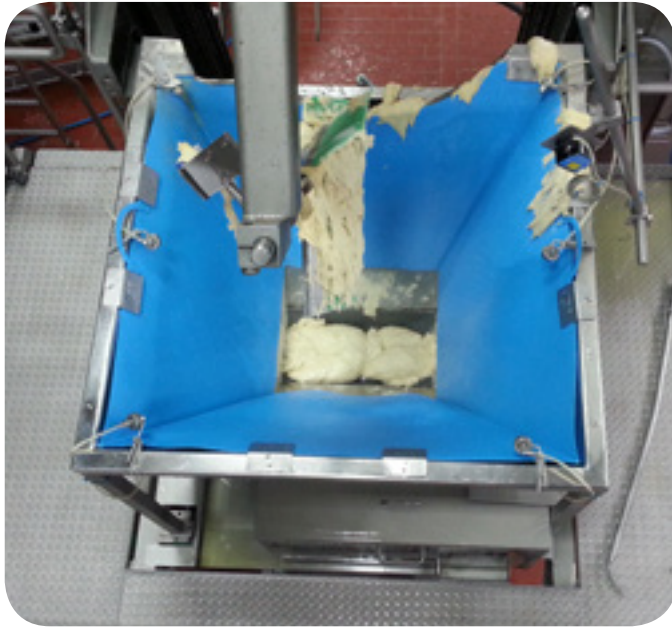


Double-flanged funnels

Base Materials used for funnels

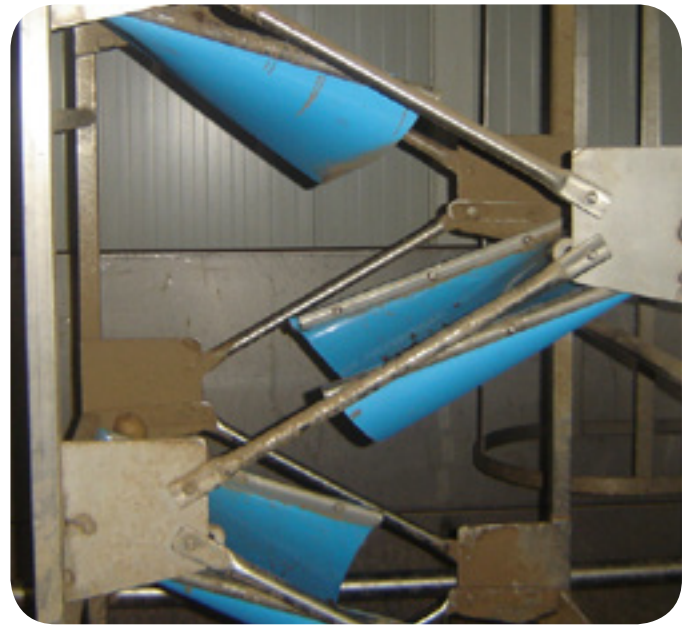
Product & Color		Shore Hardness	Temperature Range	Thickness	Certifications
FMB		95A / 46D	-30° C to 60° C / -20° F to 140° F	2	FDA/USDA/EU
FMW				2.5	
FMWC	CLEAR			3	

- ➔ All elements are custom-made and can even be fitted and welded on site where measurements are difficult or inaccurate such as for **hopper linings**.



Hopper

- ➔ **Hammocks** are used to reduce noise and damage to sensitive products in freefall – examples range from vegetables to hard boiled sweets.

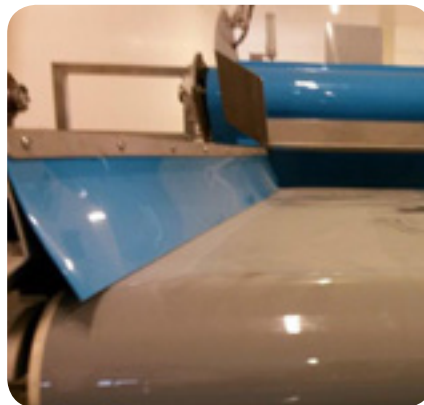


Hammock

- ➔ Simple flat pieces are available for **use on tables, intake chutes** and as **skirting** and **scrapers**. Skirting can be used as a simple means of containment and is an effective means of protecting conveyor features such as bearings and supports. Product is not lost and will not fall into the conveyor bed and support structure.



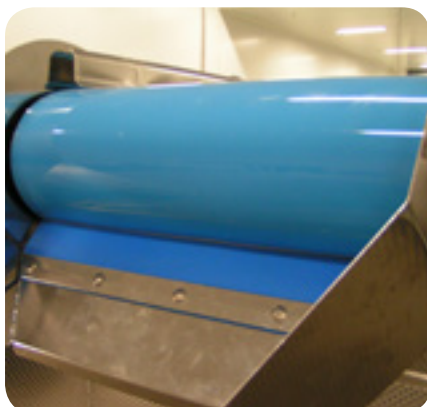
Chute Installed



Skirting



Sorting Table



Scraper



The use of correctly selected Volta material will not groove or damage the moving Volta conveyor belt.

Volta - Food Grade Accessories



Custom made funnels



Pipes



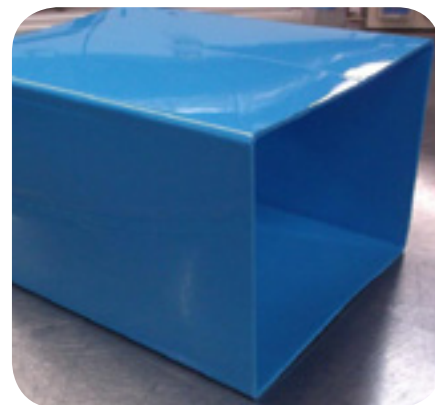
Special funnel



Skirting



Chute lining



Squared-off tube



Funnels from Volta material



Double funnel



Silo funnel



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CAT556EN00 Ver.A February 2016