

Roller Coating Sleeves

Volta sleeves are made from tubular extrusions with standard thicknesses of 2.5 mm (the table below shows the sizes which are defined by inner and outer diameters ID and OD) and are cut to length for coating rollers in situations where a product requires cushioning while moving across a roller bed or conveyor. Applications include potato intakes and ceramic tile lines. These sleeves have a nominal maximum temperature of 60° Celsius/140° Fahrenheit but are often used in warmer ambients as a better option to black rubber which is not food grade, leaves marks on product and is complicated to recondition.

The sleeves are extruded from a food approved (FDA/EU), smooth durable 85A Shore white TPU material. Once cut to length they can be mounted onto the roller by surface. They can be mounted onto the roller by means of the Volta Sleeve Mounting Tool which uses compressed air to inflate the tube dimension enough to permit the insertion of the roller. Once the air supply is cut off the tube assumes its original diameter and fits tightly over the roller - no adhesive is required.

Nomenclature:

The sleeve designation contains two numbers. The first number is the diameter of the metal roller to be covered. The second number is the desired outside diameter (O.D.) after the sleeve is mounted on the roller. For example, a 50 x 55 sleeve is designed to cover a roller with an outside diameter of 50mm and the outside diameter of the covered roller will be 55mm.

Packaging:

Sleeves up to 50 x 55 mm are in 30m /100 ft. rolls.

Sleeves from 60 x 65 mm are supplied as 3m /10 ft. tubes.

Standard Smooth Surface Sleeve Dimensions (mm)						
22x27	30x35	40x45	50x55	60x65	80x85	90x95
25x30	32x37	40x50		63.5x68.5	85x90	
27x32	35x40	42x47		65x73	88.9x94	
	38x43	45x50		73x78		
		48x53		77x82		



Standard Smooth Surface Sleeves



Non-marking surface protects products



Sleeve mounting

