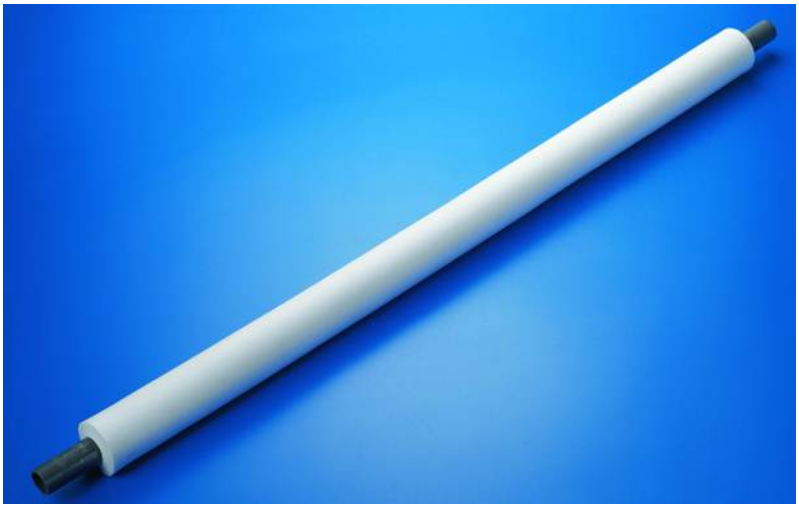
28, 1st Floor, Persiaran Mahsuri 1/2,
Sunway Tunas, 11900 Bayan Lepas, Penang, Malaysia
Email: clchuah@dstec.com.my

General Information

PVA Sponge Roller for PCB and relevant process



PVA Sponge Roller is a soft sponge (wet condition) that brings the most effective for water absorption.

PVA Sponge Roller also resistance to organic solvent.

Material Specification

PVA Physical Properties	Raw Material	PVA
	Specific Gravity (Dry)	0.1 – 0.15
	Porosity (%)	85 - 95
	Pore Diameter (um)	150
	Water Retention (%)	900 – 1100
	Hardness (SL)	50-70
	Tensile Force (Dry)	24 kg/cm^2
	Tensile Force (Wet)	4 kg/cm^2
	Heat Resistance	60C
Appearance	Cut / Tear	1mm max in length
	Alien Material	Not allow (visual check)

PVA Sponge Roller Main Application

- Scrubbing and dehydrate the clean substance surface;
- Scrubbing and absorb liquid from the surface of LCD substrate, PCB board, photo masks, etc;
- Dehydrate the cleanable substance surface;
- Coating of various water-soluble adhesive, antistatic agents etc.

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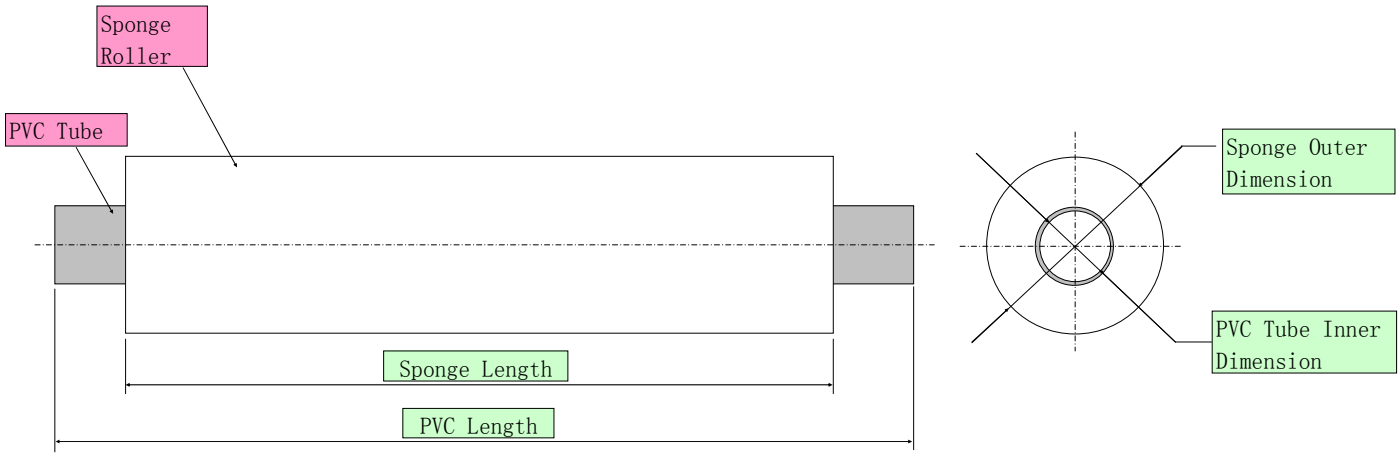
Nomenclature for PVA Sponge Roller

4 importance dimensions are required to order a PVA sponge roller:

1. Sponge roller OD dimension
2. Sponge roller length
3. PVC Tube length
4. PVC ID dimension



Example

A PVA sponge roller stated with **50*700/750*25mm** stand for

PVA OD Dimension = 50mm
PVA Length = 700mm
PVC Tube Length = 750mm
PVC ID Dimension = 25mm

Kindly talk to DST Technology for your application needs or visit our website at www.dstec.com.my.

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