

VGD24LCS

Silicone Sponge for Rollers

Temperature Range

VGD24LCS silicone sponge developed for use as traction / feed and fuser rollers in printer and photocopier applications.

The material has a micro fine, non-interconnecting cell structure encapsulated by a soft smooth outer skin, which can easily be removed by grinding, to achieve the desired surface finish and exact dimension for the roller.

Material Properties

Property	Typical Value	Tolerance
Hardness (measure on exposed cells)	80 shore 00	± 5 Shore 00
Density kg/m ³	400	±50
Elongation to Break Point	215%	Minimum
Compression Set 22hrs 70°C	10%	±5%
Maximum Temperature Exposure	200°C	
Minimum Temperature Exposure	-50°C	

These figures are only intended as a guide and should not be used in preparing specifications.

VGD24LCS can be supplied in a variety of colours, although exact colour matching to RAL or Pantone references cannot be 100% guaranteed, as shading can vary depending on the dimensions of the product.

This is due to stretching of the pigment particles during the expansion of the material. Once a colour is agreed on a particular product, there will only be minimal variation in shade from batch to batch.

Typical density is stated at 20mm thick. Density will increase as thickness decreases due to the constant effect of the surface skin.

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