

PRODUCT INFORMATION

The base coronary model is a 3D representation of the Left Anterior Descending (LAD) artery, derived from actual CT angiographic images. It has been modified for simplicity and adjusted to meet specific dimensional requirements (see Figure). Please note that curvature radius may change during deployment due to elasticity of the silicone.

Properties	
Durometer	Shore A35
Elongation	700 %
Tear Resistance	15 kN/m
Volume resistivity	$\geq 1 \times 10^{14} \Omega \text{cm}$
Tensile Strength	7.0 Mpa
Specific Gravity	1.13 g/cm ³
Color	Transparent
Refractive Index	1.4
Thermal conductivity	0.1-0.2 w/m.k
Breakdown voltage	18-25 kv/mm

