

Product Data Sheet

INTENDED USE:

Bioscaff™ Alvelac™ is a highly porous and bioabsorbable device intended for use as a space-maintaining structure in the tooth extraction socket to provide the framework for natural bone healing for subsequent dental implantation and other dental rehabilitation.

SCAFFOLD SIZES AVAILABLE:

Product Code	Diameter x Length (mm)
BSA3540	3.5 x 4.0
BSA3550	3.5 x 5.0
BSA3560	3.5 x 6.0
BSA3575	3.5 x 7.5
BSA3585	3.5 x 8.5
BSA4045	4.0 x 4.5
BSA4060	4.0 x 6.0
BSA4075	4.0 x 7.5

SPECIFICATIONS:

Dimension:	Height Diameter	4.0 – 8.5 mm 3.5 mm and 4.0 mm
Average Pore Size		20 – 150 µm
Volumetric Porosity		70% (approx)
Volume		20 – 150 mm ³
Material Composition		PLGA 85:15 (approx)
Compressive Stress		>5 MPa
Elastic modulus		>50 MPa
Sterilization		Dry heat
Typical Degradation Time		2 - 6 months

REFERENCE TABLE:

Teeth	Buccolingual width of crown at cervix (mm)- reference size ranges	Horizontal placement Product Code	Vertical placement Product Code
Incisors	3.5 -6	BSA3540 BSA3550 BSA3560	BSA3540 BSA4045
Canine	3.5-6	BSA3540 BSA3550 BSA3560 BSA4045	BSA3540 BSA4045
Premolars	5-8	BSA3550 BSA3560 BSA3575 BSA4075	BSA3540 BSA4045
Molars	7-10	BSA3560 BSA4060 BSA3575 BSA4075 BSA3585	NA