

Appendix IV Description of the components of composite meshes

Adhesion barrier layer/coating		Mesh layer	Product name/ non-marketed
Type of material	Chemical name of material		
Non-absorbable synthetic materials	Expanded polytetrafluoroethylene (ePTFE)	Polypropylene	Intramesh T1
	Expanded polytetrafluoroethylene (ePTFE)	Polypropylene	Composix®
	Titanium coating (plasma activated chemical vapor deposition of atomic Titanium)	Polypropylene	TiMesh®
	Polyvinylidene fluoride (PVDF)	Polypropylene	Dynamesh®-IPoM
	Aliphatic poly(etherurethane)	Non-woven polyester/polyethylene terephthalate	Hi-Tex Endo-IP®
	Poly[poly (ethylene glycol) methacrylate-co-dopamine methacrylamide	O ₂ -plasma-treated Polypropylene	Non-marketed
	N-vinyl pyrrolidone and n-butyl methacrylate	Polypropylene	Non-marketed
	Polyurethane	Polypropylene	Combi Mesh
Absorbable synthetic materials	Poly (glycolide-co-caprolactone)	Polypropylene	PHYSIOMESH® Flexible Composite Mesh
	Poly (lactide-co-caprolactone)	Polypropylene	Non-marketed
	Poly (lactide-co-glycolide)	Polypropylene	Non-marketed
	Polycaprolactone	Polypropylene	Non-marketed
Natural materials	Sodium hyaluronate-carboxymethylcellulose	Polypropylene	Sepramesh®
	Sodium hyaluronate-carboxymethylcellulose-polyethylene glycol	Co-knitted using polypropylene and polyglycolic acid	Ventralight®
	Sodium carboxymethylcellulose	Polypropylene	Non-marketed
	Oxidized carboxymethylcellulose-g-dopamine blended with carboxymethyl chitosan	Polypropylene	Non-marketed
	Omega-3 fatty acids	Polypropylene	C-Qur®
	Collagen	Polyester	SYMBOTEX® Composite Mesh
	Collagen	Polyethylene terephthalate	Non-marketed
	Collagen	Polypropylene	Non-marketed

Composite material	Collagen-glycosaminoglycan	Polypropylene	Non-marketed
	Chitosan	Polypropylene	Non-marketed
	Cellulose	Co-knitted using Polypropylene and polydioxanone	Non-marketed
	Oxidized regenerated cellulose	Polypropylene	Proceed®
	Oxidized collagen and chitosan	Polyester	Non-marketed
	Regenerated silk fibroin	Polypropylene	Non-marketed
	2% agarose hydrogel	Polypropylene	Non-marketed
	2% agarose hydrogel-10 ug sirolimus	Polypropylene	Non-marketed
	Small intestinal submucosa	polypropylene	Zenapro™
	Human amniotic membrane	Polypropylene	Non-marketed
	Processed human peritoneal membrane	Expanded polytetrafluoroethylene (ePTFE)	Non-marketed
	Processed human fascia lata	Expanded polytetrafluoroethylene (ePTFE)	Non-marketed
	Auto-cross-linked polymers (ACP) Gel (Hyalobarrier® gel, Fidia Advanced Biopolymers srl, Abano Terme, Italy)	Polypropylene	Non-marketed
	Fibrinogen glue (FG) (Tissucol®, Baxter Healthcare Corporation, Deerfield, USA)	Polypropylene	Non-marketed
	Fibrinogen glue (FG) (Tissucol®, Baxter Healthcare Corporation, Deerfield, USA)	Expanded polytetrafluoroethylene (ePTFE)	Non-marketed
	4DryField® PH premixed gel 19	Polypropylene	Non-marketed
	4DryField® PH in-situ mixed gel	Polypropylene	Non-marketed
	Collagen–polyethylene glycol–glycerol	Polyester	Parietex®
	Collagen–polyethylene glycol–glycerol	Polypropylene	Parietene®
	Polyethylene glycol-glycerol	Polyester	Non-marketed
	Bovine amniotic membrane + 5% polyethylene glycol	Polypropylene	Non-marketed
	Bovine amniotic membrane + 5 ml of 0.9% NaCl	Polypropylene	Non-marketed
	Collagen-poly (lactide-co-caprolactone)	Polypropylene	Non-marketed

Hyaluronate -poly (lactide-co-caprolactone)

Polypropylene

Non-marketed
