

Table 1 Comparative studies on the physical property of CelGro™ and Bio-Gide®.

	CelGro™	Bio-Gide®
Pore size range on the smooth side (µm)	4.6 ± 1.8(3-7)	5.0 ± 2.3(4-8)
Collagen bundle diameters on the rough side (µm)	11.0 ± 3.8(5-20)	14.1 ± 5.8(5-30)
Pore size range on the rough side (µm)	95 ± 31 (75-142)	86 ± 38 (44-171)
Dry Thickness (µm)	358±87 (253-511)	483±91 (384-630)
Wet Thickness (µm)	311±48 (264-395)	376±63(297-500)
Water Retention Capacity (%)	478±26 (449-500)	533±14 (517-544)
pH	5.5±0.06 (5.4-5.5)	6.7±0.2 (6.5-6.9)
Failure Force (N)	5.4±0.38 (5.01-5.76)	2.99±0.33 (2.61-3.23)
Ultimate Tensile Strength (MPa)	0.35±0.06 (0.27-0.40)	0.16±0.03 (0.12-0.19)