MADE IN GERMANY

Technical Embroidery Systems
A Division of ZSK Stickmaschinen GmbH

Data Sheet

Moss Embroidered Electrodes -Development Kits-

Development Kits Textile Moss Embroidered Electrodes - round - with embroidered connection area	**Average Electrical Resistance** measured for 1 min with test electrode of ∅ 59 mm and a weight force of 1.7 N								
Thread Material	**STATEX Shieldex® 33/10 dtex Z-Turns (Art.-No: 597.829)**			**STATEX Shieldex® 78/20 dtex Z-turns + B (Art.-No: 597.830)**			**STATEX Shieldex® 235/36 dtex 2-ply HC + B (Art.-No: 597.831)**		
Thread Count	6x			4x			1x		
Thread Conductivity	< 4 kΩ/m			< 3,5 kΩ/m			100 Ω/m ± 30 Ω/m		
Electrode Size	∅ 20 mm	∅ 43 mm	∅ 65 mm	∅ 20 mm	∅ 43 mm	∅ 65 mm	∅ 20 mm	∅ 43 mm	∅ 65 mm
Average Electrical Resistance measured for 1 min with test electrode of ∅ 59 mm and a weight force of 1.7 N	1.00 Ω	1.47 Ω	1.33 Ω	1.57 Ω	1.59 Ω	1.86 Ω	1.69 Ω	1.61 Ω	1.73 Ω

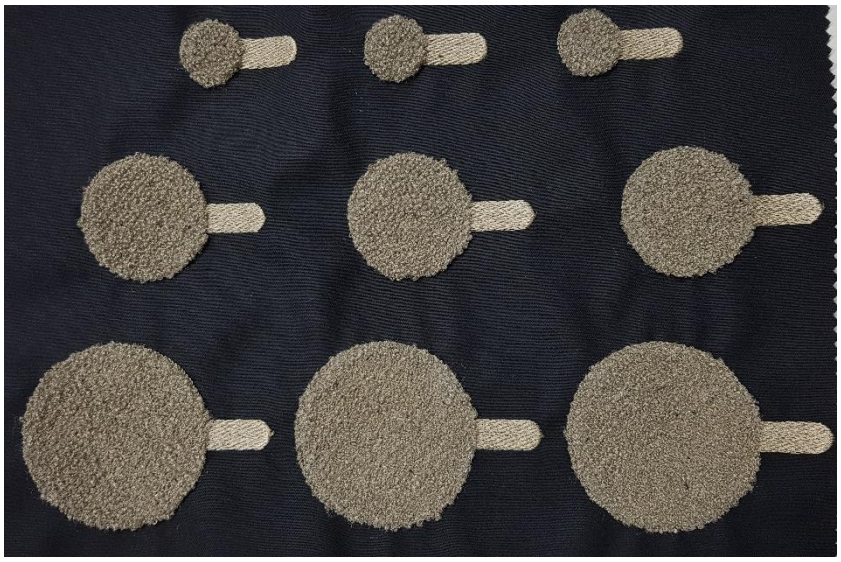


Figure 1: Development Kit Textile Moss Embroidered Electrodes - round – 33/10 with embroidered connection area
Art-No.: 597.829
Geometry: 3x ∅ 20 mm, 3x ∅43 mm & 3x ∅65 mm;
Thread material: STATEX Shieldex® 33/10 dtex Z-Turns

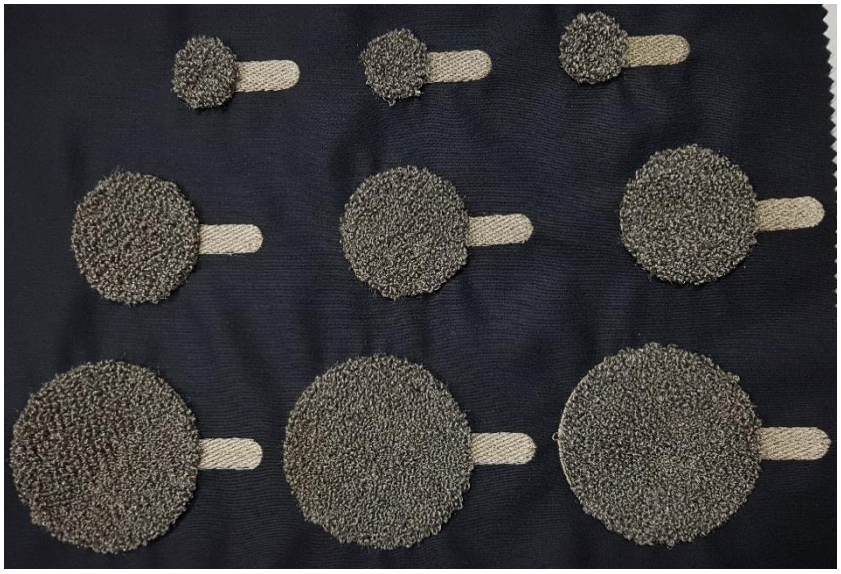


Figure 2: Development Kit Textile Moss Embroidered Electrodes - round – 78/20 with embroidered connection area
Art-No.: 597.830
Geometry: 3x ∅ 20 mm, 3x ∅43 mm & 3x ∅65 mm;
Thread material: STATEX Shieldex® 78/20 dtex Z-turns + B



Figure 3: Development Kit Textile Moss Embroidered Electrodes - round – 235/36 with embroidered connection area
Art-No.: 597.831
Geometry: 3x ∅ 20 mm, 3x ∅43 mm & 3x ∅65 mm;
Thread material: STATEX Shieldex® 235/36 dtex 2-ply HC + B