

Self-amalgamating insulation tape

UEKCJ20 is butyl rubber based self-amalgamating insulation tape which is suitable for termination and joint of rubber or plastic insulated cables with rated voltage up to 24kV. Normal working temperature: 75°C (167°F). Excellent properties of insulation, waterproof, anti-corrosion and sealing.

Normal size: (mm) 0.8×25×5000 and 0.76×19×9000.



Technical specification	Typical value
Tensile strength	≥1.0MPa
Elongation at break	≥500%
Dielectric strength	≥22kV/mm
Volume resistance 20°C (68°F)	≥10 ¹⁴ Ω·cm
Dielectric loss angle tangent tg	≤0.05
Dielectric constant	≤5.0
Stress rupture resistance 130°C (266°F)X1hr	No crack
Heat resistance 130°C (266°F)X168hr	No loose or crack

UEKCJ23 is EPR based self-amalgamating insulation tape which is suitable for termination and joint of XLPE insulated cables with rated voltage up to 69kV. Normal working temperature: 90°C (194°F). Emergency over loading temperature: 130°C (266°F).

Normal size: (mm) 0.7×25×5000, 0.7×19×9000, 0.7×38×9000.

Cross reference: **3M 23#**.

Technical specification	Typical value
Thickness	Normally 0.8mm
Tensile strength	≥2.4MPa
Elongation at break	≥500%
Dielectric strength	≥28kV/mm
Volume resistance 20°C (68°F)	≥7X10 ¹⁶ Ω·cm
Dielectric loss angle tangent tg	≤0.05
Dielectric constant	≤5.0
Operation temperature	≤90°C (194°F)
Stress rupture resistance 100°C (212°F)X168hr	No crack
Heat resistance 100°C (212°F)X168hr	No loose or crack



UEKCJ50 is EPR based self-amalgamating insulation tape which is suitable for termination and joint of rubber or plastic insulated cables with rated voltage up to 132kV.

Normal working temperature: 90°C (194°F). Emergency over loading temperature: 130°C (266°F).

Excellent properties of insulation, waterproof, anti-corrosion and sealing.

Technical specification	Typical value
Thickness	Normally 0.8mm
Tensile strength	≥1.7MPa
Elongation at break	≥700%
Dielectric strength	≥35kV/mm
Volume resistance 20°C (68°F)	≥10 ¹⁶ Ω·cm
Dielectric loss angle tangent tg	≤0.008
Dielectric constant	≤3.0
Operation temperature	≤90°C (194°F)
Stress rupture resistance 130°C (266°F)X168hr	No crack
Heat resistance 130°C (266°F)X168hr	No loose or crack

