

Preliminary TECHNICAL DATA SHEET

CMC TYPE	8614-001A
Product description 8614-001A has a high tensile strength, conformable backing with aggressive adhesive for a variety of heavy duty insulating and holding applications. The 1 mil polyester film provides puncture resistance, abrasion resistance and resistance to edge tear. Specially designed and intended for use in oil-filled transformers, this tape is very resistant to chemicals, solvents and aging, and offers excellent dielectric strength and insulation resistance	
Applications Lead and saddle tie down, bundling motor and transformer coils, and coil covering applications	
Supporting Base	polyester film / glass filaments
Colour	clear
Substrate thickness in mm	0.114
Total thickness in mm	0.180
Adhesive Properties	
Type of adhesive	thermosetting acrylic
Adhesive strength in N/25 mm	12.3
Thermal Properties	
Temperature performance (max.) in °C	155
Insulation class according to IEC 60454-2	F
Electrical Properties	
Dielectric Strength in V	5000
Insulation Resistance in meg ohms	106
Mechanical Properties	
Tensile strength in N/25 mm	1300
Elongation at break in %	7
Electrolytic Corrosion	1.0 direct / A
Other properties	
Solvent resistance	excellent
Moisture resistance	excellent

Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity)

05/14

Quality guarantee: 6 months

The technical data are average values and subject to change without notice. They are not intended to replace user's testing.