



VIMLESH INDUSTRIES PRIVATE LIMITED



UL File No.
E319454



ISO 9001:2015



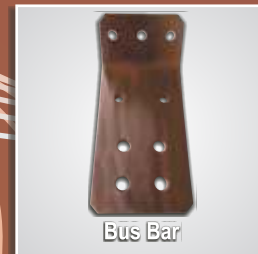
QM 033



TS 615929



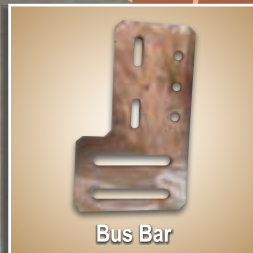
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Bus Bar



Nomex Covered Strip



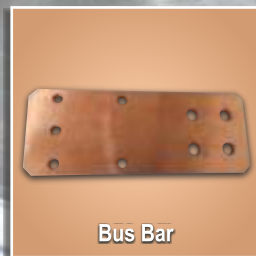
Bus Bar



Fibre Glass Covered Al Strip



Enamel + Glass Covered



Bus Bar



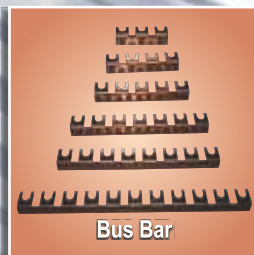
Paper Covered Wire



Enamel + Glass Covered



Mica Covered Strip



Bus Bar



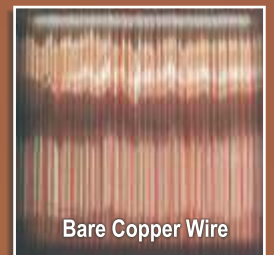
Fibre Glass Covered Cu Strip



Paper Covered Strip



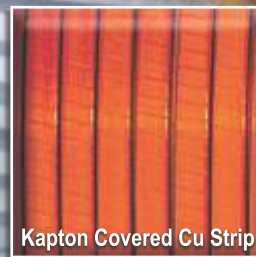
Bare Copper Strip



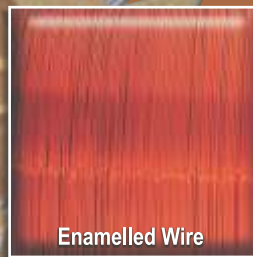
Bare Copper Wire



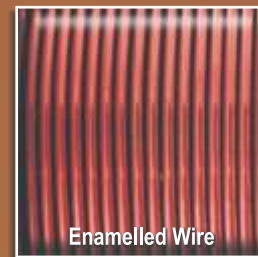
Kapton + Fibre Glass



Kapton Covered Cu Strip



Enamelled Wire



Enamelled Wire



Enamelled Strip



VIMLESH INDUSTRIES PRIVATE LIMITED

PRODUCT SPECIFICATION

BARE STRIP / FLAT / EARTHING TAPE / BUS BAR - COPPER & ALUMINIUM

Temper	Size Range			Type of Copper / Aluminium
Annealed (soft) Half Hard Hard	(mm.)	Cu	Al	COPPER: Grade: ETP & OFC Purity: 99.95% (min) Conductivity (%IACS): 100% (min.)
	Max. Width	75	35	
	Min. Width	3	3	ALUMINIUM: Grade: EC Grade /1350/1100/1370 Purity: 99.50% (min) Conductivity (%IACS): 61% (min.)
	Max. Thickness	10	10	
	Min. Thickness	1	0.5	
	Area (sq. mm.)	5-500	5-300	

ENAMELLED ROUND WIRE - COPPER & ALUMINIUM

Temp. Class	Type of Enamel	Diameter Range	Specification
'B', 105°C/120°C	Polyvinyl Acetal (PVA / PVF)	COPPER: 0.60 to 5.50 mm ALUMINIUM: 1.00 to 5.50 mm	IEC-60317-12 NEMA MW-15
'F', 155°C	Polyester		IEC-60317-03 IS-13730-03
'H', 180°C	Polyesterimide		IEC-60317-08 IS-13730-08
'C', 200°C	Polyesterimide (base coat) + Polyamide-imide (top coat)		IEC-60317-13 IS-13730-13 / NEMA MW-35

FIBRE GLASS / DAGLAS COVERED ROUND & FLAT WIRE - COPPER & ALUMINIUM

Temp. Class	Type of Insulation	Size Range	Specification
'F', 155°C	Single / Double layer of Glass Fibre Yarn / Dagalas Impregnated with class 'F' / 'H' / 'C' Varnish	Round Wire: 1-7 mm Flat Wire size: Min. size: 3 x 2 mm Max. size: 25 x 6 mm	IEC-60317-31 IS-13730-31
'H', 180°C			IEC-60317-32 IS-13730-32
'C', 200°C			IEC-60317-33 IS-13730-33 / NEMA MW 45, 46 & 50

MICA COVERED ROUND & RECT. / FLAT WIRE - COPPER & ALUMINIUM

Temp. Class	Type of Insulation	Size Range
200°C	Epoxy / Glass Mica	Round Wire: 2 to 4 mm Flat Wire: 6 - 50 sq.mm Min. size: 3 x 2 mm Max. size: 12.5 x 4 mm

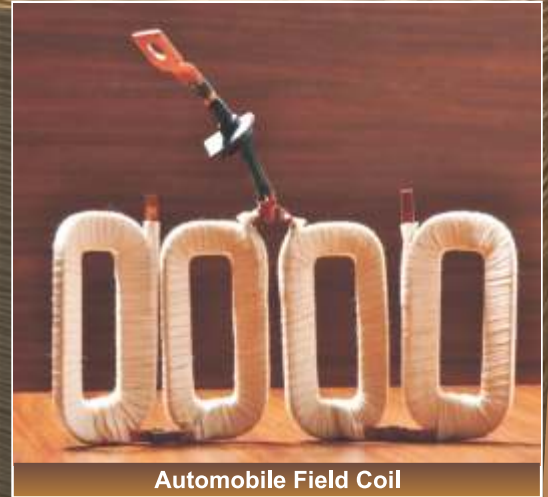


VIMLESH INDUSTRIES PRIVATE LIMITED

PRODUCT SPECIFICATION

PAPER COVERED ROUND & RECT. / FLAT WIRE - COPPER & ALUMINIUM

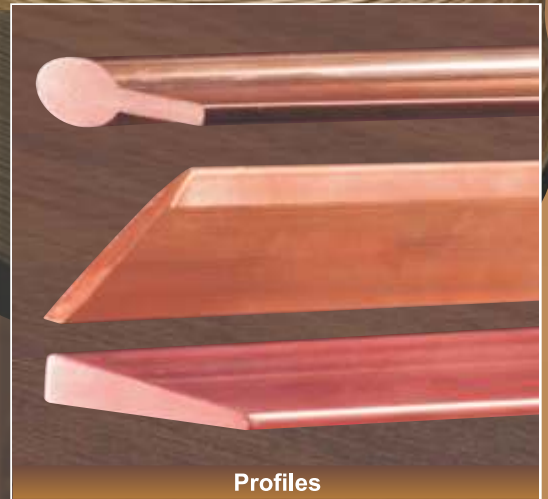
Temp. Class	Type of Insulation	Size Range	Specification
105°C	Electrical Grade: Kraft Paper Crepe Paper Thermally Upgraded Paper	Round Wire: 1 to 5 mm Flat Wire: 6 - 120 sq.mm Min. size: 3 x 2 mm Max. size: 20 x 6 mm	IEC- 60317-27 IS-13730-27 NEMA MW 31 & 33



Automobile Field Coil

ENAMELLED RECTANGULAR / FLAT WIRE - COPPER & ALUMINIUM

Temp. Class	Type of Enamel	Size Range	Specification
'B', 105°C/120°C	Polyvinyl Acetal (PVA / PVF)	Area: 3 - 70 sq.mm	IEC-60317-18 NEMA MW-18
'F', 155°C	Polyester		IEC-60317-16 IS-13730-16
'H', 180°C	Polyesterimide	Min. size: 3 x 1 mm	IEC-60317-28 IS-13730-28
'C', 200°C	Polyesterimide (base coat) + Polyamide-imide (top coat)	Max. size: 14 x 5 mm	IEC-60317-29 IS-13730-29 / NEMA MW-36



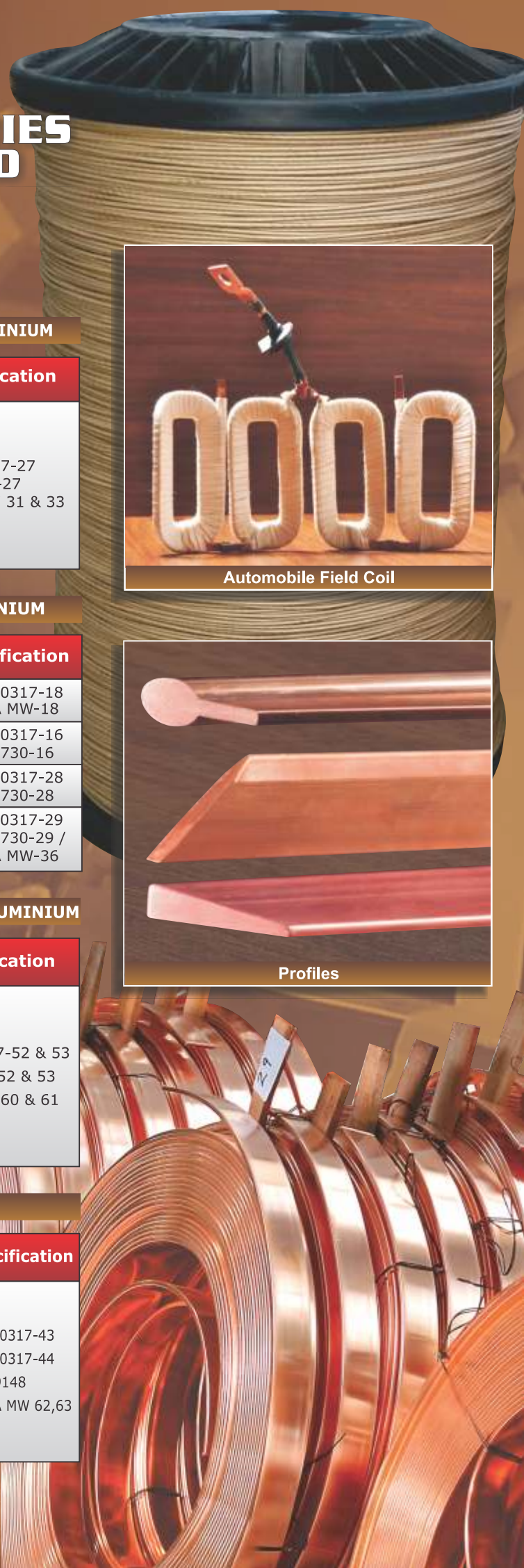
Profiles

NOMEX COVERED ROUND & RECT. / FLAT WIRE - COPPER & ALUMINIUM

Temp. Class	Type of Insulation	Size Range	Specification
220°C	Nomex Paper (Aramid Paper)	Round Wire: 1 to 5 mm Flat Wire: 6 - 120 sq.mm Min. size: 3 x 2 mm Max. size: 20 x 6 mm	IEC- 60317-52 & 53 IS-13730-52 & 53 NEMA MW 60 & 61

KAPTON COVERED ROUND & RECT. / FLAT WIRE - COPPER

Temp. Class	Type of Insulation	Size Range	Specification
220°C	Kapton / Apical (Polyimide Film) (50% / 66% Overlapping)	Round Wire: 2 to 10 mm Flat Wire: 5 - 80 sq.mm Min. size: 3.3 x 1.5 mm Max. size: 20 x 4.0 mm	IEC 60317-43 IEC 60317-44 IS - 9148 NEMA MW 62,63





PLANTS & PRODUCTION INFRASTRUCTURE



ANNUAL PLANT CAPACITY
 DRAWING / EXTRUSION: 4000 TONS, ENAMELLING: 3000 TONS, FIBREGLASS COVERING: 1000 TONS
 PAPER/NOMEX/MICA COVERING: 2000 TONS, KAPTON COVERING: 300 TONS, FIELD COIL: 300000 SET

QUALITY & CERTIFICATION



CERTIFICATIONS
 ISO 9001: 2015, TS 615929, UL

APPROVALS
 RDSO, PGCIL, BHEL, ABB, SCHNEIDER



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