

WHY THE ATEX INDUSTRY **NEEDS** MICC CABLE SYSTEMS

Protecting Lives and Assets in Explosive Atmospheres

WREXHAM

MINERAL

CABLES

ATEX CHALLENGES

MICC SYSTEM SOLUTIONS

Solving ATEX Industry Pain Points



Fire & Explosion Risk

Mineral Insulated Copper Clad (MICC) cable's are fireproof, rodent-proof, non-toxic and high-temp resistant.

ATEX approved EEx d gland contains sparks and prevents flame spread to the surrounding atmosphere.



Regulatory Compliance

Certifications challenge not applicable with MICC's all-in-one compliance.



Maintenance & Downtime

Downtime risks not applicable with MICC's 50+ year lifespan & low maintenance.



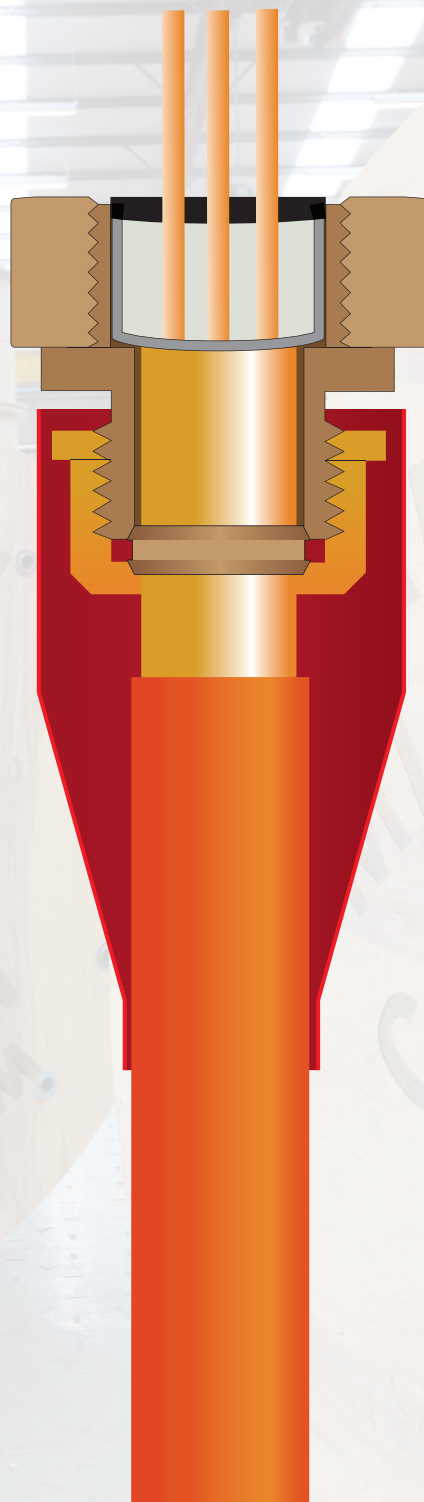
Environmental Exposure

MICC's mechanical durability suitable for harsh conditions.



Sustainability

MICC is 100% recyclable, non-toxic materials.



WHY MICC SYSTEMS?

- ✓ When failure isn't an option, MICC is the only choice.
- ✓ True fire survival—no burning, no smoke, no failure.
- ✓ WMC stock a full range of ATEX and IECEx approved EEx d cable glands.
- ✓ Cut long-term costs with a cable that lasts 50+ years.
- ✓ No conduit, no fuss.



BENEFITS OF INSTALLING MICC OVER POLYMERIC FR CABLES	POLYMERIC FR CABLE	MICC
*Installation Time	82 min	60 min
Can be installed without FR Conduit	X	✓
Survives direct impact of 930°C	X	✓
Would meet all CPR categories inc Aca	X	✓
100% Fire resistant	X	✓
100% halogen free	X	✓
100% smoke free	X	✓
100% toxic emission free	X	✓
100% UV, Ozone and sunlight resistant	X	✓
Zero organic content	X	✓
Ingres resistant (Waterproof, Oil Proof)	X	✓
Continuous operating temperature	90°C	250°C
Life expectancy	10 Years	35+ Years
Testing	Batch test	EVERY mm

based on 12m m sample of 2 core 1.5mm²

MICC

NOT JUST A CABLE

IT'S YOUR FIRST LINE OF DEFENCE

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In ATEX-classified zones where safety, reliability, and performance matter most, MICC cable systems delivers unmatched protection and peace of mind.



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