

3M™ Novec™ Dielectric Fluids

Designed to reduce
greenhouse gas emissions
by >98% compared to SF₆

- ▶ Lower global warming alternatives to SF₆ – for a more sustainable power industry
- ▶ Next generation insulating media for medium and high voltage power equipment
- ▶ Non ozone depleting
- ▶ Non flammable
- ▶ Excellent dielectric properties
- ▶ Versatile – used in a variety of gas mixtures and applications

For more information please visit our website at www.3M.com/us and search for 'Novec 4710' and 'Novec 5110'

As an advanced insulation media, Novec Dielectric Fluids combine excellent dielectric capability with desirable environmental properties. They are non-flammable and non-ozone depleting. The combination of high dielectric performance with sustainable environmental characteristics provides the potential to significantly reduce greenhouse gas emissions from some applications currently using SF₆. These versatile fluids can be used in a variety of gas mixtures allowing for a wider operating temperature window. The fluids were developed specifically as dielectric media. At present, they are best utilised as an alternative to high global warming potential materials such as SF₆. These Novec dielectric fluids are suitable for both medium and high voltage insulation.

The 3M™ Novec™ Brand Family

The Novec brand is the hallmark for a variety of proprietary 3M products. Although each has its own unique formula and performance properties, all Novec products are designed in common to address the need for safe, effective, sustainable solutions in industry-specific applications. These include precision and electronics cleaning, heat transfer, fire protection, protective coatings, immersion cooling, advanced insulation media replacement solutions and several specialty chemical applications.

3M™ Novec™ Engineered Fluids • 3M™ Novec™ Aerosol Cleaners • 3M™ Novec™ 1230 Fire Protection Fluid • 3M™ Novec™ Electronic Grade Coatings • 3M™ Novec™ Electronic Surfactants • 3M™ Novec™ Dielectric Fluids

United States	China	Europe	Japan	Korea	Singapore	Taiwan
3M Electronics Materials Solutions Division 800 810 8513	3M China Ltd. 86 21 6275 3535	3M Belgium N.V. 32 3 250 7521	3M Japan Limited 81 3 6409 3800	3M Korea Limited 82 2 3771 4114	3M Singapore Pte. Ltd. 65 64508888	3M Taiwan Limited 886 2 2704 9011

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Electronics Materials Solutions Division

3M Center, Building 224-3N-11
St. Paul, MN 55144-1000 USA

Phone 1-800-810-8513
Web www.3M.com/novec

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