

GIELLE™

GL-1230

Fire Protection Systems

delivering 3M™ Novec™ 1230 Fire Protection Fluid



environmentally friendly
fire extinguishing systems

Fire Extinguishing Systems for what's precious to you

high performance

**Long term, sustainable protection for high value
assets - your life, your business, your world.**

GL-1230™ Systems, using 3M™ Novec™ 1230 Fire Protection Fluid have emerged as the solution of choice for fire extinguishing systems to protect high value assets and processes. GL-1230 is a clean agent system which is proven to be environmentally friendly.



Garantía GL-1230 Warranty

To reassure users that GL-1230 systems are now and will continue to be environmentally friendly, every GL-1230 installation now carries a 20-year environmental warranty. For details of the warranty please ask your approved Gielle distributor or contact Gielle at the address on this brochure.

Today's need is for a fastextinguishing, sustainable, clean agent – free of any ozone depletion potential and with the lowest possible emission of “greenhouse gases” – that can be used in occupied spaces. Novec 1230 fluid, delivered by GL-1230 fixed systems from Gielle, meets this demanding profile, precisely. It complies with all statutory requirements, both current and anticipated. Crucially, GL-1230 Fire Extinguishing Systems are designed specifically for Novec 1230, the efficacy of which has been demonstrated by independently witnessed fire tests. It is listed as “acceptable without restrictions” by the US Environmental Protection Agency's Significant New Alternatives Policy (SNAP) and is registered under Europe's ELINCS scheme. The GL-1230 system has been approved by LPCB, UL and FM, all major marine classification societies and is included in EN15004, NFPA 2001 and ISO 14520. Compare its properties with those of other chemical extinguishing agents – see chart opposite – and you will appreciate why GL-1230 Fire Extinguishing Systems provide the best long term solution to protect what really matters to you.



Benefits

- ▶ GL-1230 Systems are custom engineered for Novec 1230
- ▶ Zero ozone depletion potential
- ▶ Global warming potential of one
- ▶ Clear, colourless, low-odour agent
- ▶ Simple to refill
- ▶ Discharges within 10 seconds

Applications

- ▶ Telecommunications sites
- ▶ Computer centres
- ▶ Museums and archives
- ▶ Oil and gas industry sites
- ▶ Power generation installations
- ▶ Civil and military marine
- ▶ Rail and mass transit



More good reasons to choose Gielle GL-1230™ System Technology delivering 3M™ Novec™ 1230 Fire Protection Fluid

Fast acting protection

Gielle GL-1230 Systems using Novec 1230 fluid are designed to work fast, rapidly absorbing heat to the point where combustion ceases. Once actuated, Gielle GL-1230 systems deliver the extinguishant within 10 seconds, stopping Class A, B and C fires before they have chance to spread. When fire is extinguished this quickly, the result is less damage, lower refurbishment costs and reduced downtime.

Neighbourly protection

Almost everything we do has some impact on the environment, from switching on the air conditioner to starting the car. But Novec systems are different as the agent has zero ozone depletion potential and a global warming potential of just one, with an atmospheric lifetime of between three and five days, making Novec agent environmentally friendly, with minimal impact.

Playing safe

Toxicity testing shows Novec 1230 fluid to be safe for use in occupied areas. Studies conducted in independent laboratories demonstrated that the agent is very low in both acute and chronic toxicity, with an extremely high safety margin – the difference between the extinguishing design concentration and the No Observable Adverse Effect Level (NOAEL), making GL-1230 fluid an extremely safe extinguishing solution for occupied areas. Typical applications span computer centres, telecommunications installations, oil and gas exploration sites as well as trains and ships, both commercial and military.

System recharging

Filling and recharging GL-1230 systems is straight forward as the agent's high boiling point (49 degrees C) means it can be transported in lightweight drums rather than pressurised containers; air-freighting is an acceptable method for transporting unpressurised Novec storage containers, without the need or cost of hazardous cargo management.

Low pressure technology

Gielle GL-1230 systems operate at 25 bars and have been proven to achieve homogeneous distribution at this pressure resulting in the award of key internationally recognised approvals.

INNOVATION TECHNOLOGY DESIGN



Made in Italy – EU



GIELLE™

Fire Suppression Systems

Your life?

Your business?

Your World?

If these
are precious
to you...
Protect the risk!



www.giellefire.com



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