

Extinguishing with gel

Active & preventative especially for fires
in scopes of eMobility (lithium-ion batteries),
plastic processing industry and recycling industry



Active and preventative: extinguishing with gel

Extinguishing with gel is the most effective solution, especially when it comes to risky fires e. g. in plastic processing industry, in recycling companies or particularly for storage and transport of lithium-ion batteries. The gel can be sprayed easily on the source of fire and creates a cooling and airtight layer which smothers the fire. The gel's key characteristic is that it adheres to even difficult surfaces which leads to an area-wide extinguishing in an optimal way. Apart from its effective and fast extinguishing, these special Jockel extinguishers of our gel-series can also be used preventative. Objects that are treated with this gel can barely ignite. Another advantage of our gel is that it evaporates residue-free.

Special features

- ▶ Steel cylinder with high-quality outer-coating and additional resistant inner-coating
- ▶ Portable stored-pressure fire extinguishers SDJ and HDJ are approved according to DIN EN 3
- ▶ Compact and solid valves
- ▶ SDJ fire extinguisher with push-button valve M74 and 360°-rotatable extinguishing pistol
- ▶ HDJ fire extinguisher with squeeze-grip valve and extinguishing pistol
- ▶ High-performance extinguishing gel
- ▶ Refillable
- ▶ Portable fire extinguishers with base and wall bracket

Trolley with Jockel gel

- ▶ 50 l trolley with discharge distance/height of approx. 11m or 9m
- ▶ Extinguishing agent also suitable for fire class B

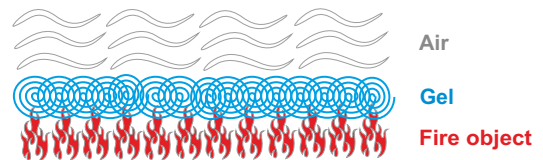


Operation scope

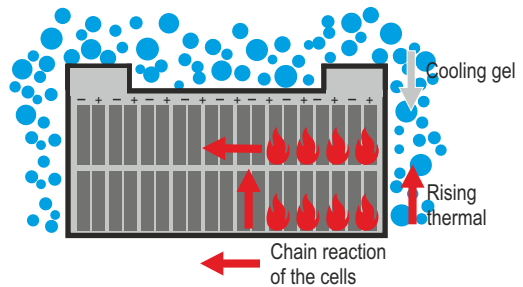
- ▶ Storage & transport of lithium-ion batteries
- ▶ Recycling- and plastic processing industry

Mode of action when extinguishing with gel

- ▶ An effective way to extinguish quickly and to limitate the damage through cooling down & smothering



- ▶ Example of lithium-ion battery: extinguishing with gel



Type Code	Agent Capacity	Temperature range	Discharge time	Dia-meter	Height approx.	Width approx.	Weight approx.
G 6 SDJ Gel 64-176-00	13 A 6 l Gel	+5°C to +60°C	29 sec.	150 mm	530 mm	270 mm	10,7 kg
G 9 SDJ Gel 94-176-00	21 A 9 l Gel	+5°C to +60°C	49 sec.	180 mm	570 mm	280 mm	15,4 kg
G 6 HDJ Gel 64-076-00	13 A 6 l Gel	+5°C to +60°C	32 sec.	150 mm	530 mm	265 mm	10,7 kg
G9 HDJ Gel 94-076-00	21 A 9 l Gel	+5°C to +60°C	51 sec.	180 mm	570 mm	270 mm	15,4 kg
G 50 JHW Externa 30-005-00	A IV B 50 l Gel	+5°C to +60°C	166 sec. discharge distance/ height 11 m/9 m	293 mm	1100 mm	610 mm/ 450 mm	86,0 kg

SD: Push valve/stored pressure; HD: lever grip/stored pressure