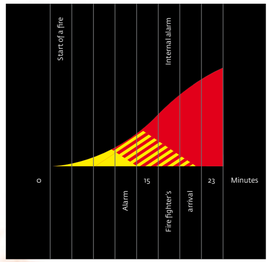
Technology & Result

For every stage of a fire...



Conventional extinguisher

DSPA-5

Source: Publieksfunctie 1995, Brandbeveiligingsconcept gebouwen met een publieksfunctie

When conventional extinguishers won't do the job or when a fire is difficult to reach, the DSPA-5 offers a solution. The DSPA-5 gives first responders the means to fight a fire, even when it is spreading further. No longer do they have to wait powerless while rescue services are on their way. A quick and effective intervention can prevent further spreading of the fire and can buy valuable time.

Aerosol, how does it work?



DSPA Aerosol was originally developed as an alternative to Halon. Unlike Halon, DSPA is environmentally friendly. The active substances of the DSPA Aerosol are solid micro particles that fill the compartment completely and attack the combustion process at a chemical level. As a result, the flames are instantly knocked down and the energy removed from the fire.



DSPA® 5

DSPA.nl 5

Quick, easy & safe deployment for indoor fires



ELECTROPAR

PREFORMED LINE PRODUCTS

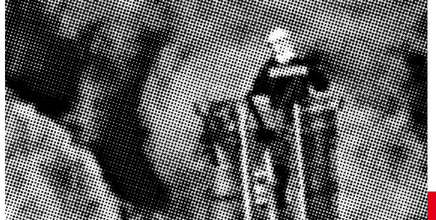
member of AFG GROUP



Million-dollar fire destroys Welland laundry service

Damage done inside the building, in addition to the fire, came from smoke and water as firefighters tried to douse the blaze. An aerial truck poured water on the roof from outside.

The Standard (USA), 09-04-2011



Fire Causes Millions In Damage, Firefighters Say

Firefighters said the fire at the commercial auto body parts facility had already spread to an attached building by the time they arrived.

KCRA.com 26-03-2011

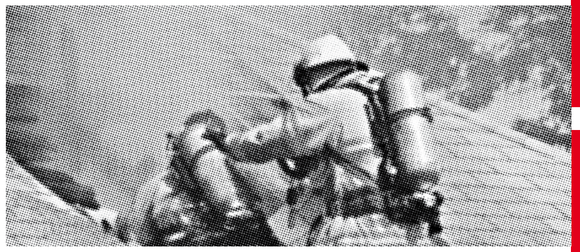


Fire burns school in CDO

High School was almost burned down after flames engulfed 10 classrooms and 3 laboratories on Tuesday afternoon.

abs-cbnNEWS.com 13-04-2011

Water damage is often a big part of the total costs following a fire.
When using the DSPA-5, even large fully developed fires are knocked down, so that only a small quantity of water is necessary to extinguish the fire.



Fire can have an enormous impact on any institution or company. Schools may need to be closed indefinitely or companies suffering high costs for business continuity. Many problems can be prevented by a quick and effective intervention. But what if the fire is difficult to reach? What if a common fire extinguishers won't do the job? In such cases, the DSPA-5 offers a solution.

Time is of the essence during a fire. Not just the time that is necessary to evacuate residents or personnel, but also the time that is needed for fire fighters to arrive on- scene can be critical to a successful ending. The DSPA-5 ensures that a fire no longer spreads and that valuable time is gained.



The usage of DSPA-5, step by step...
A handheld knock down tool for indoor fires...

1



Size
The DSPA-5, the professional intervention tool for first responders, is small, light and quickly deployable.

2



Assess and decide...
Make sure you have a clear picture of the situation, follow the standard door procedure and decide, based upon the given criteria, to deploy the DSPA-5.

3



Activation of the DSPA-5
Pull the pin out and throw the DSPA-5 directly inside.
The DSPA-5 doesn't have to be deployed into the seat of the fire.
You don't have to enter the room.

4



Aerosol
The extinguishing substance of DSPA is aerosol. Aerosol acts similar to gas, so it will expand volumetrically and reach even the most difficult places.

5



Close off the compartment
Close off the fire room, so the aerosol is contained.
If the room is properly closed, the aerosol will be more effective.

6



Effect and further steps
After 30 to 60 seconds the fire is knocked down. The flames are gone and the fire no longer spreads. There is more time for evacuation. Fire fighters have more time to reach the scene. Upon arrival, notify the fire fighters as quickly as possible. With only a limited amount of water, they will finish the job.

The advantages

The DSPA-5...

- can be deployed quickly and easily
- can be deployed without entering the room
- knocks the fire down, flames are gone in seconds
- saves crucial time & money
- prevents a great deal of equipment and property damage
- considerably reduces water damage



The DSPA-5...

- does not deplete oxygen levels
- is friendly to the environment
- is harmless to humans and animals

Exploding

Although the DSPA-5 is activated and deployed similar to that of a grenade, the product does not explode. In fact it doesn't add any significant pressure to the room.

"Device (DSPA-5) proving itself at Grey-Bruce fires"

The Sun Times (Can), 10-04-2011

"Having the DSPA will allow the fire department to enter the building sooner, call for mutual aid and to save the structure with minimal water damage"

Ashton Fire Department, 21-01-2011

DSPA® 5