

## **FirePro V Other Aerosols**

- **Fire Pro does not use pyrotechnic solid aerosol compound (Classification 9.1 miscellaneous, others 1.4S explosive solid). Due to Classification FirePro products can be air-freighted.**
- **FirePro has patented technology of using non pyrotechnic and much improved solid aerosol compound. Competitor technology based on old Russian technology that has remained dormant with no further improvement for the last 40 years or so !**
- **Competitor pyrotechnic material: instability with temperature rise, decay of mechanical properties with time, reduced life time due to efficiency loss.**
- **FirePro cooling material is natural – alumina based (others use materials which produce harmful toxic chemicals, e. g., NO<sub>x</sub>, NH<sub>3</sub>, HCN, blockage of aerosol exit).**
- **Solid aerosol compound is compacted and shock resistant, others use solid compounds which are fragile and not stable.**
- **FirePro uses a sturdy and robust steel activator for ensuring reliable activation of generator, non pyrotechnic (energy by heat and/or electric). Others use ‘fragile match type’ enclosed in non sturdy material, pyrotechnic.**
- **FirePro is labeled with ‘Green Label’; in addition to being environmentally friendly, it is also Eco Friendly, - listed as per prestigious EPA SNAP (Significant New Alternative Policy) - Protection of Stratospheric Ozone: Listing of Substitutes for Ozone-Depleting Substances – Fire Suppression and Explosion Protection (competitors – not !).**
- **Safe for humans, H & S issues, non toxic according to international institutions such as KEMA (Netherlands), PZH (Poland).**
- **Life of FirePro solid aerosol compound is certified as 15 years (though can go longer !). Others is normally 5 years, but many competitors actually state 10 years ! Ask for Certification of ‘shelf life for competitor products !**
- **FirePro extinguishes Classes of Fire, A, B, C, F. Competition normally B (limited) and C.**
- **International long list of projects and applications with extremely well known users.**
- **FirePro has never had any accidents with generator discharge, many examples with competition (e. g, due to less aerosol being used, and general design).**
- **FirePro solid aerosol compound has self activation temperature of 300 °C, competition solid compounds 180 – 230 °C.**
- **Flexible and different solutions. Competition – very restricted, thus less projects and applications.**