

Anti-G Suit for Pilots



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Background:

Superior Anti-G protection from Magam Safety Ltd.

Physiological effects of acceleration and maneuver-induced 'G' forces can quickly diminish a pilot's performance and can often lead to loss of consciousness (G-LOC).

Black-out and G-LOC caused by blood pooling in the low part of the body which deprives blood from the brain.

Anti G-Suits, protects the pilot from repeated G-stress during flight in relevant aircraft. The suit applies pressure to the abdomen and legs in relation to the G level. The design emphasizes comfort and a high level of resistance along with the utilization of specialized ultra-light-weight materials.

Our Solution:

Thanks to unique testing capabilities, technologies and equipment, as well as partnerships with researchers, Israeli Air Force (IAF) and leading industrial colleagues, Magam Safety delivers anti-G suits that provides outstanding performance and reliability.

Given enormous advances in jet fighter technology, most conventional anti-G garments are now outdated. Magam's Product are being tested and developed constantly by the IDF pilots during training and operational flights to maintain high level of protection to pilots.

- The suits are available in six wide ranging sizes
- An inflatable inner bladder, made of Neoprene-proofed nylon cloth, protects the abdomen, thighs and calves. A replaceable bladder is attached with six push buttons. Spare bladders can be ordered separately with three bladder sizes covering the fitting range of all six sizes.
- Equipped with a flexible supply hose for connection to the USA\French aircraft types.
- Single pocket below each knee and two special pockets for map and code reading. All pockets are Zip shut.
- Outer material is Nomex fire-retardant fabric in sage green
- Fast and convenient wearing – due to zippers at the waist and full length zippers at the inner side of each pant leg
- Personalized fitting made through adjustable laces



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