

beaufort

AIRCREW IPG

IMMERSION PROTECTION GARMENT



The highly versatile Aircrew Immersion Protective Garment (IPG) is informed by over 65 years' experience in immersion suit technology, with its design utilised on some of the largest aircraft platforms in the world. The Aircrew IPG has been developed by Beaufort to offer aircrew operators a suite of garments that can be used across their entire aircraft fleet ranging from Fast Jets, Transport and Rotary Wing and Attack Helicopters. Tested down to a water temperature of 32° F (0° C), the Aircrew IPG is designed to grant its wearer the highest level of protection against the effects of exposure in cold climates, both in water and on land. It is a one piece garment that can be fitted with a carbon filament construction to reduce static and an anti-splatter design to its shoulders. It is fully cut and shaped at the knees, seat and arms to provide maximum comfort, with extra material for added durability and strength on the shoulders, arms and torso if required.

It is manufactured from a lightweight and waterproof, tri-laminate fabric, comprising an inherently fire resistant (FR) woven face fabric, a micro-porous breathable laminate and a knitted Aramid lining. The fabric offers immersion protection and reduces thermal burden by allowing body vapours to permeate through to maintain wearer comfort when in use. The garment is easily donned in under 60 seconds, and is available in 24 standard sizes that accommodate from the 5th to 95th percentile. Socks are fitted to the lower legs to create a one-piece garment. They are offered in both FR self-fabric or non-FR Taslan waterproof, breathable options for improved flexibility and minimised bulk, in applications where FR is not required.



VARIANT A ROTARY WING

COMMONALITY ACROSS MULTIPLE PLATFORMS

Water tight
neoprene neck seal
with knitted
nomex cover



Elasticated, power
net fabric gusset
on back to assist
donning/doffing
and prevent
discomfort

Waterproof, plastic
sliding fastener with
closure pull tab to
assist with closure.
FR protective layer
to protect zip in
high temperature
environments

Water tight
neoprene wrist seals
with knitted nomex
cover

Proven 100% protection
to the neck and wrist
seals following exposure
to a 4 second flame test
and 450 Knot air blast

Lower leg, arm and
thigh touch and close
fastener pockets
for the storage of
additional equipment
(Variant A only)

Sliding fasteners at the
bottom of each garment
leg to assist donning

VARIANT B FAST JET