

TECHICAL SHEET



TECH TYPE: HOSTILE ENVIRONMENT SUIT
TECH NAME: HES
VERSION NUMBER: Mark II

PURPOSE: The HES was designed to protect the wearer against extreme environments. The target group for this suit was Fire Fighter, volcano scientist, and astronauts. The first practical use of this suit was Norman doing a unscheduled spacewalk.

PHYSICAL DISCRPTION: This black form fitted suit is twice as thickness of a normal wetsuit. It has full sleeves and it ends at the wearer's ankles. The zipper is on the right side, then up the right shoulder, and then toward the collar. The suit has gloves and a helmet that can be created with Nanites. The boots are magnetic.



HEIGHT: Generic Sizes
WIDTH: Generic Sizes
LENGTH: Generic Sizes
WEIGHT: 32 pounds

ARMOR: Kevlar/Verntinan composite
NANITE REPAIR SYSTEM: 1³ FT PER 5 MIN
BATTERY SYSTEM: Infinity Battery
(3rd generation)

COMMICATION SYSTEMS: Encrypted Radio
Cell Phone
Satellite Phone
Throat Mic

SENSOR SYSTEM: Flare comp
GPS
LED Floodlight

HUD SYSTEM: Time & Maps
Heading & Altitudes
Air Speed
Data Display
Medical Data

RIGHT FOREARM COMPUTER INTERFACE:
Control all the features of the suit

ENVIOMENTAL SYSTEMS:

Internal Climate Control
Air filter system
Rebreather for up to one hours
HAZMAT sealed
Radiation Shielding
Fire Resistance
Immune to fires less than
1,000 °F (546 °C)
for up to four hours
2,000 °F (1,093 °C)
for up to thirty minutes
Zero pressure environments protected

MEDICAL SYSTEM:

Nanite Medical System
Can only heal minor damage.
Medical Information System

ARMOR:

1st layer: Kevlar/Verntinan composite
2nd Layer: Myomer Tendon
3rd Layer: TRA with heating coils inside
4th Layer: Rubber insulation