

INTRODUCING YOUR NEW M50 MASK!

THE DAY
HAS FINALLY
ARRIVED!

THE ARMY IS
NOW WIDELY
FIELDING THE
NEW M50
MASK...

...FOR
TANKERS
IT'S THE
M51.





HERE'S WHAT YOU HAVE TO LOOK FORWARD TO WITH YOUR NEW MASK...

Greatly Improved Vision

The one-piece eyelens provides a field of view that is at least 80 percent greater than what Soldiers had with the M40. This lets Soldiers see more without having to turn their heads, which means better target detection, enemy identification, hit probability, and situational awareness.

The urethane eyelens itself won't yellow as easily as the M40's and is much more resistant to contaminants and scratching.



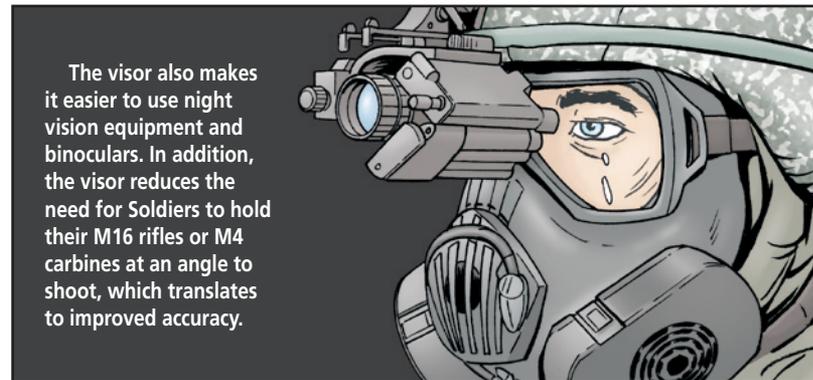
WOW! I CAN SEE A LOT BETTER WITH THE M50!!



YOU WON'T HAVE TO WORRY ABOUT MY EYELENS GETTING SCRATCHED AS MUCH!



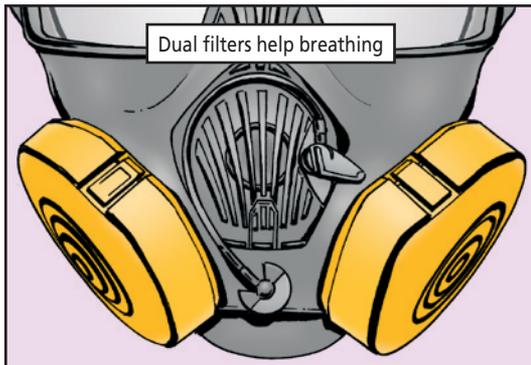
The polynomial spline visor creates a better interface with sights like the M68 close combat optic, which lets Soldiers engage targets with both eyes open. That helps Soldiers both hit the target and maintain situational awareness.



The visor also makes it easier to use night vision equipment and binoculars. In addition, the visor reduces the need for Soldiers to hold their M16 rifles or M4 carbines at an angle to shoot, which translates to improved accuracy.

The M50's dual filter system makes it twice as easy to breathe through the mask compared to the M40. That increases a Soldier's endurance and cuts the time needed to accomplish a mission. Breathing easier also makes for better breath control during firing, which boosts marksmanship.

Breathe Easier



So Much More Comfortable

The dual filter system gives better weight distribution to the M50, making it more comfortable than the M40. The mask's inner parts are made of silicone, which is softer and easier on the mouth and nose.

The head harness comes with a skull cap, which provides a more comfortable fit and makes it easier to put on the harness. Only the two bottom straps have buckles—the other straps use velcro, which also improves the fit.



Drinking Made Easy

MY DRINK TUBE CAN BE MOVED WITH AN OUTSIDE LEVER...

...MAKING IT SIMPLE TO GET THE DRINK TUBE IN AND OUT OF YOUR MOUTH.



Filter Facts

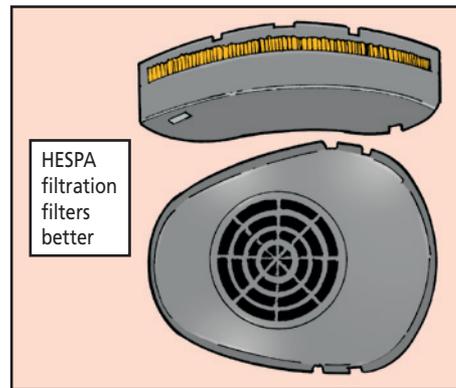
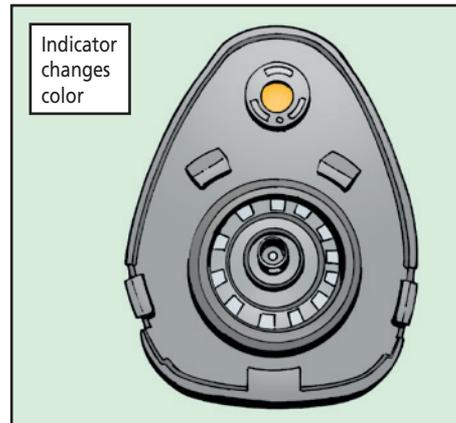
The filter has an indicator that changes color when it needs to be changed.

Self-sealing disks let you change filters without fear of breathing in chemical agent. If a filter is installed wrong, the disk won't let you breathe in until the filter is installed correctly.

The filter's three sealing points on two surfaces strengthen the interface seal. The positive locking mechanism prevents the filter from working loose. The filter's lower profile reduces the risk of losing its seal if jarred and makes it less likely to get caught in camouflage nets or brush.

The filter's gasket forms independent seals with the base of the filter mount, which provide a seal against particles and vapors.

The filter's high efficiency synthetic particulate air (HESPA) filtration material is more durable than the M40's and better resists contaminants.

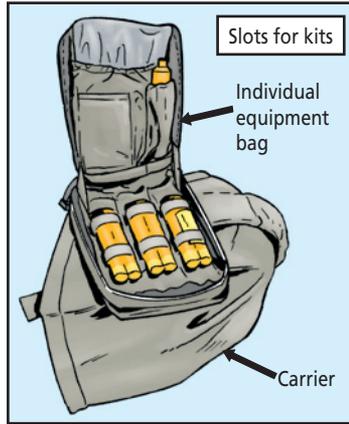


Carrier Is Better, Too

The carrier's most important improvement is that it does a much better job of sealing out dust and sand. You won't open up the carrier to find your mask is coated with sand that can clog filters and make breathing a chore.

The individual equipment bag has designated slots for nerve agent antidote kits, convulsive antidote, M291 decon, M295 individual decon kit and reactive skin decon lotion. The slots make it a snap to find these items in an emergency, plus let you inventory the carrier in just a few seconds.

The carrier and individual equipment bag have snaps to make it MOLLE compatible and it can be worn in different configurations.



Commo Connections



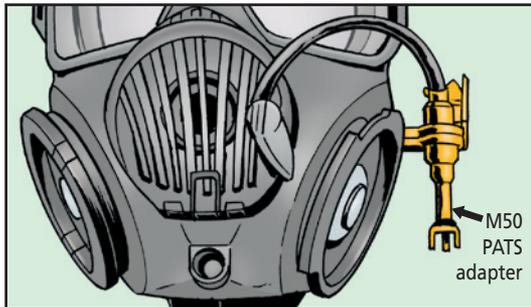
THE M50 HAS BOTH INTERNAL AND EXTERNAL CONNECTORS...



...FOR A VOICE AMPLIFIER OR A BOOM MIKE!!!

PATS Adapter

CBRN specialists will need to check M50/M51 masks with PATS just like they did for the M40. To do that, you'll need adapter, NSN 4240-01-546-4517. It connects PATS to the M50/M51's drink tube. The M50/M51 adapter is purple and the M40's is red.



Canteens Only

The only authorized hydration systems for the M50 are the M1961 canteen, NSN 8465-01-115-0026, and the 2-qt canteen, NSN 8465-01-118-8173. They should be used only with the water canteen cap, NSN 8465-01-529-9800. Some Soldiers think it's OK to use their Camelbak® or other hydration systems with their M50. Not true! These systems may not have a bladder that seals out CBRN agents. So you could end up sucking in the very agents your M50 is protecting you from.



Training Help

YOUR UNIT CAN FIND **TRAINING HELP** FOR THEIR NEW M50 MASK AT THE JOINT ACQUISITION CBRN KNOWLEDGE SYSTEM (JACKS) WEBSITE:
<https://jacks.jpeocbd.army.mil>

Community Equipment Training

Sitemap: Home Overview

JACKS News FROM THE TRAINING DROP-DOWN MENU LOCATED BELOW THE JACKS BANNER, SELECT **NEW EQUIPMENT TRAINING**.

Hot News SCROLL DOWN TO THE **PROTECTION SECTION** IN THE LEFT-HAND COLUMN AND CLICK **M50/M51 JOINT SERVICE GENERAL PURPOSE MASK**.

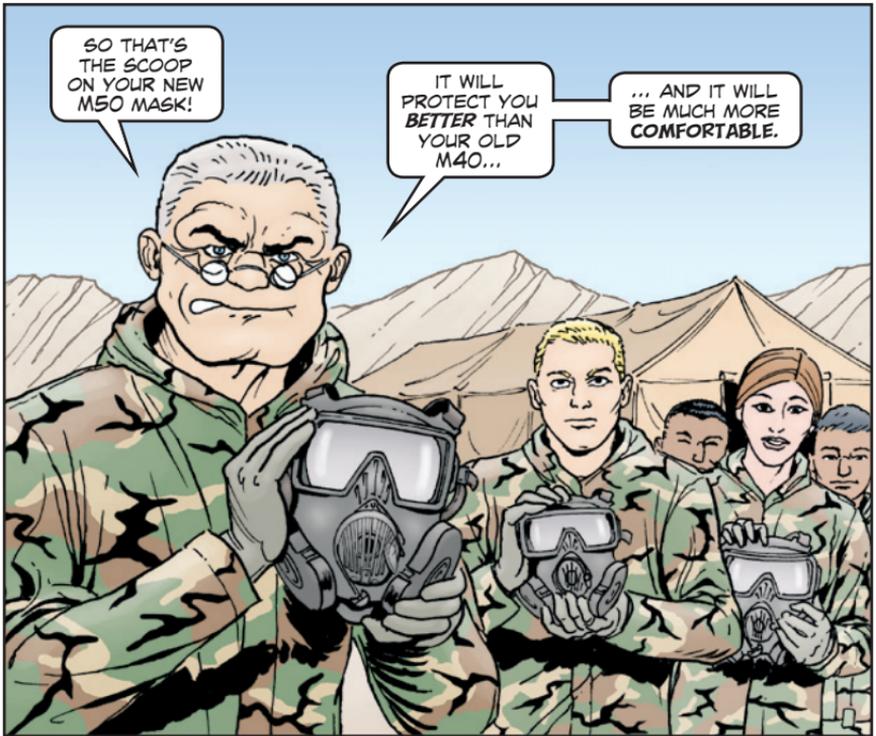
New Advisory Messages SCROLL BACK UP AND YOU'LL SEE THE TRAINING FILES IN A NEW BOX.

Shelf Life News

Protection

- AFS Alternative Footwear Solutions
- M20A1 M20A1 Simplified Collective Protection Equipment
- JSGPM M50/51 Joint Service General Purpose Mask**
- M53 M53 Chemical Biological Protective Mask
- M8 CBRN M8 Chemical and Biological Protective Shelters

ALSO, OF COURSE, CHECK OUT THE M50'S TM 3-4240-542-13&P. EVERY SOLDIER IN YOUR UNIT SHOULD HAVE A COPY OF IT. IT'S ALSO ON THE ETM SITE:
<https://www.logsa.army.mil/etms/>



SO THAT'S THE SCOOP ON YOUR NEW M50 MASK!

IT WILL PROTECT YOU **BETTER** THAN YOUR OLD M40...

... AND IT WILL BE MUCH MORE COMFORTABLE.



NOW THE REST IS UP TO YOU!

TAKE CARE OF YOUR NEW MASK AND WATCH FOR FUTURE **PS** ARTICLES ON HOW TO GET THE MOST OUT OF YOUR M50.

AND HOLD ONTO THIS ARTICLE UNTIL THE M50/M51 FILTERS DOWN TO YOU.



Note: see pages 44-45 for JSLIST help.