

**SPECIFICATION FOR MSA MAKE ADVANTAGE RESPIRATOR**

1. MSA Make Advantage 420 Half – Mask Respirator  
**Part No. – 10102183.**
2. MSA Make Cartridge for Advantage 420 Half Mask Respirator  
**Part No. – 815369**  
The cartridge shall be supplied in a packet (each packet contains 2 cartridge)

Special Instructions:

- 1) The face piece should be free of dirt, cracks, tears or holes. The rubber should be flexible & not stiff.
- 2) The aluminum yoke should be free of cracks
- 3) The cartridge must be free of dents or damage specially to the metal bead around the bottom.
- 4) The cartridge must be approved for the contaminants like organic vapours, sulphur-di-oxide, chlorine, ammonia, methyl amine, chlorine-di-oxide, hydrogen sulphide and hydrogen chloride.
- 5) Cartridge should be capable of absorbing particulate matter of less than 0.2 micron at 99.98% present in the atmosphere for 8 hour use.
- 6) Party should supply the catalogue and literature of the material quoted.
- 7) Size : Medium
- 8) Colour : Black

*13/10/16*