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> NORTH Honeywell 75SCP100L Defender Multi-Purpose Cartridge with P100 Filter Instruction Manual

NORTH 75SCP100L

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1. INTRODUCTION

The NORTH Honeywell 75SCP100L Defender Multi-Purpose Cartridge with P100 Filter is designed for use with Honeywell North Half Masks and Full Facepieces. This cartridge provides protection against organic vapor, ammonia, methylamine, formaldehyde, and acid gases (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Sulfide, Hydrogen Fluoride, Chlorine Dioxide). It also includes a P100 particulate filter, offering 99.97% minimum filter efficiency for all particulates. This product comes as a pair of multi-contaminant P100 respirator cartridges, engineered for easy user seal checks.



This image displays two NORTH Honeywell 75SCP100L Defender Multi-Purpose Cartridges. Each cartridge features an olive green base with a magenta top, indicating its multi-purpose and P100 filter capabilities. The side labels show 'Honeywell Part No. 75SCP100L' along with NBR numbers and types of protection: VO/CL2/CLO2/HCL/HF/SO2/Formaldeido/H2S/NH3/Metilamina/P3, indicating protection against various organic vapors, chlorine, chlorine dioxide, hydrogen chloride, hydrogen fluoride, sulfur dioxide, formaldehyde, hydrogen sulfide, ammonia, and methylamine, with a P3 particulate filter class.

2. SAFETY INFORMATION

Important: Confirm compatibility with your specific respirator before use. Always read and understand the full instruction manual provided with your respirator and these cartridges before use. Failure to do so may result in serious injury or death.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of the NORTH Honeywell 75SCP100L Defender Multi-Purpose Cartridges:

1. **Identify Compatibility:** Ensure you have a compatible North by Honeywell half or full Air Purifying Respirator.
2. **Check Connectors:** Verify that the respirator's threaded connectors match the cartridge's fittings.
3. **Attach Cartridge:** Align the threads of the cartridge with the respirator's connector. Turn the cartridge clockwise until it is securely fastened. Do not overtighten.
4. **Perform Seal Check:** Conduct an easy user seal check as described in your respirator's instruction guide. This typically involves covering the cartridges and inhaling or exhaling to ensure no air leaks.
5. **Confirm Protection:** Use the respirator and cartridge in accordance with safety guidelines, ensuring they provide protection against the specific gases, vapors, and particles present in your working environment.

North offers a full range of N-Series filters and cartridges designed to help protect workers in a variety of hazardous environments.

4. OPERATING INSTRUCTIONS

Once properly installed and sealed, the cartridges will filter contaminants as specified. Always ensure a proper fit and seal before entering a contaminated area. Refer to your respirator's manual for specific operating instructions, limitations, and guidelines for use in various hazardous environments. Do not use these cartridges in atmospheres containing less than 19.5% oxygen or in atmospheres that are immediately dangerous to life or health (IDLH).

5. MAINTENANCE

Proper maintenance ensures the effectiveness and longevity of your cartridges:

- **Pre-Use Inspection:** Inspect cartridges before each use for any damage, cracks, or blockages. Do not use damaged cartridges.
- **Replacement Schedule:** Replace cartridges according to your workplace's change-out schedule, local regulations, or immediately if you detect any taste, smell, or irritation from contaminants, or if breathing becomes difficult.
- **Storage:** Store unused cartridges in their original sealed packaging in a cool, dry place, away from contaminants and direct sunlight. Once opened, store cartridges in a sealed container when not in use to

prolong their lifespan.

- **Cleaning:** Do not attempt to clean or wash the cartridges. They are designed for single-use or limited-duration use as per their specifications.

6. TROUBLESHOOTING

If you encounter issues while using the cartridges, consider the following:

- **Detection of Contaminants:** If you detect contaminants (taste, smell, or irritation) while wearing the respirator, immediately leave the contaminated area. Check the cartridge installation and seal. If the issue persists, replace both cartridges.
- **Difficulty Breathing:** If breathing becomes difficult, immediately leave the contaminated area. This may indicate a clogged filter. Replace both cartridges.
- **Improper Fit/Seal:** Re-perform the user seal check. Adjust the respirator straps to ensure a tight but comfortable fit. Facial hair or certain eyewear can interfere with a proper seal.
- **Inadequate Protection:** Ensure the respirator and cartridges are appropriate for the specific hazards present in your environment. These cartridges protect against specific organic vapors, acid gases, ammonia, methylamine, formaldehyde, and particulates. They do not protect against all airborne hazards.

7. SPECIFICATIONS

Feature	Detail
Model Number	75SCP100L
Brand	NORTH
Manufacturer	Honeywell
Material	Plastic
Color	Olive/Magenta
Model Name	Multi-Contaminant P100 Respirator Cartridge
Item Dimensions (L x W x H)	7 x 3 x 2.5 inches
Item Weight	0.5 Pounds
Unit Count	2.0 Count (Pair)
Number of Layers	2
Protection Type	Organic Vapor, Ammonia, Methylamine, Formaldehyde, Acid Gas (Chlorine, Hydrogen Chloride, Sulfur Dioxide, Hydrogen Sulfide, Hydrogen Fluoride, Chlorine Dioxide), P100 Particulate Filter
Filter Efficiency	99.97% minimum for particulates

Feature	Detail
UPC	821812000763, 883940107684
Included Components	Unit, Instruction Guide

8. WARRANTY AND SUPPORT

For warranty information and technical support regarding your NORTH Honeywell 75SCP100L Defender Multi-Purpose Cartridges, please refer to the official NORTH or Honeywell Safety Products website. You may also contact their customer service directly using the contact information provided on their official channels. Always retain your purchase receipt for any warranty claims or product inquiries.

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This manual is for informational purposes only. Always follow local regulations and safety guidelines.