



 **Speedglas™**  
Welding Safety

# 3M™ Speedglas™ Heavy Duty Backpack, BPK-HD

# Comfortable Safety

## Insight

With the insights from workers, we explore new ways to create more comfortable solutions applied to verified needs.

We want to make industrial work easier and more efficient than ever before. No matter how specialized or challenging the tasks are, you should not have to compromise.

## Do not settle for compromises...

Comfort and protection is truly individual. That's why the 3M™ Speedglas™ Heavy Duty Backpack may help you to even better meet your needs when it comes to comfort, working conditions and personal preferences.

Ask for the new Speedglas Heavy-Duty Backpack, made specifically for you, and experience what we call comfortable safety.

# A Heavy Duty Backpack

## For customers in industries who need a heavy duty PAPR backpack:

The 3M™ Speedglas™ Heavy Duty Backpack aims to provide comfort, light weight, robustness, stability and good perceived balance.

It fits a variety of body sizes and is primarily designed for welding applications and 3M™ Adflo™, but is also suitable with 3M Versaflo PAPRs.



# Key Message

- **Designed for heavy duty Industrial applications**
- **Comfortable, robust and fits a variety of body sizes**
- **Suitable for 3M™ Adflo™ and 3M™ Versaflo™**
- **Replaces BPK-01**



# 3M™ Speedglas™

## Heavy Duty Backpack, BPK-HD

**Description:** A backpack that fits a range of body sizes and may help make it more comfortable to wear the PAPRs.

### Verticals

- Primary – Welding, Heavy Duty Machinery/Manufacturing

### Packaging

- 1 each per bag
- MOQ = 3 EA per case

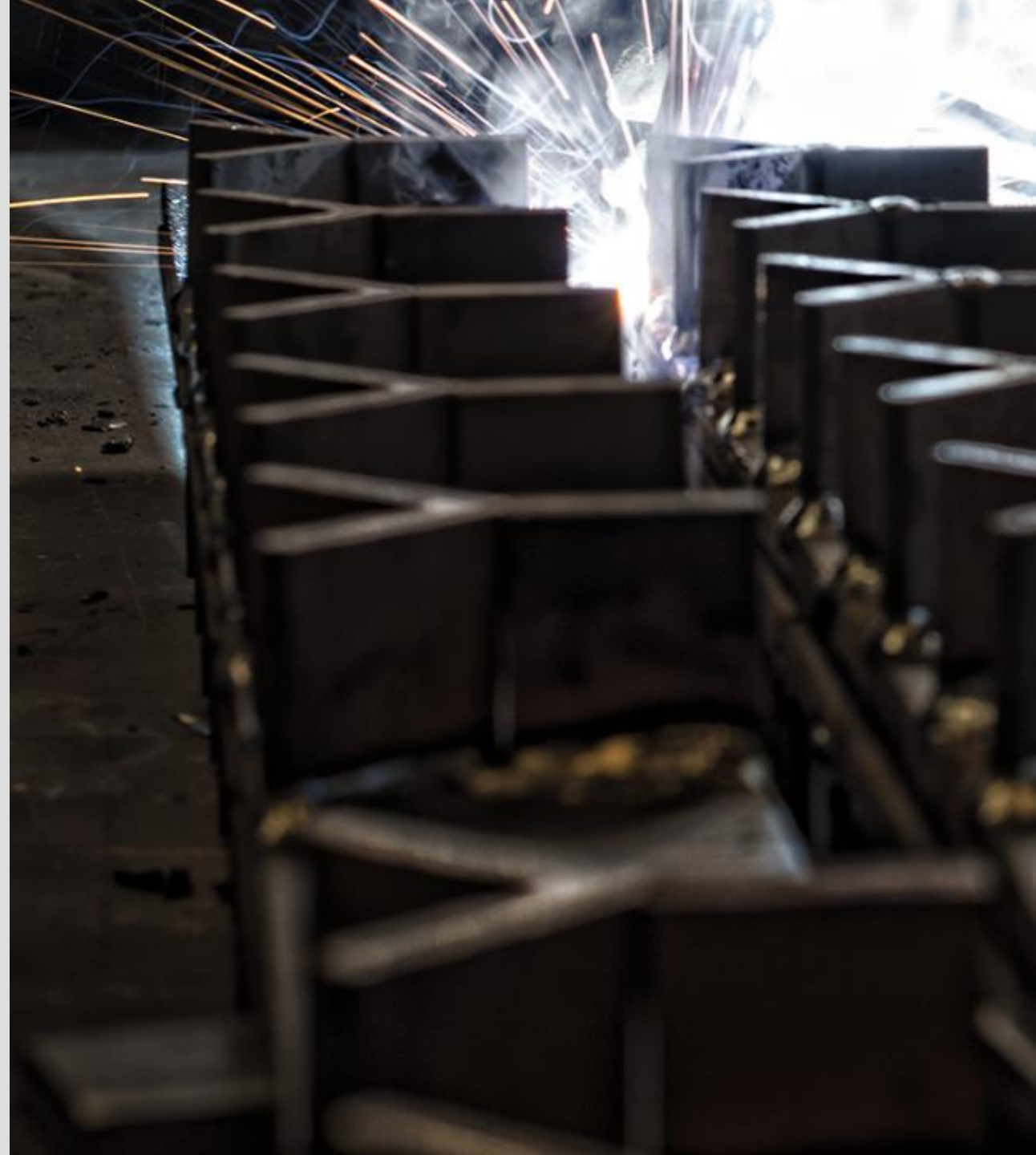
### Product Availability

June 2023

### Features and Benefits

- Works with Adflo, TR-300+, TR-600, and TR-800 PAPRs
- Comfortable and designed to be perceived as balanced when carried
- Designed to minimize contact with the back to help with ventilation
- Robust, specifically designed to meet welders' needs and other heavy duty applications
- Fits a variety of body sizes
- Versatile adjustability for comfortable and stable fit
- Adjustable, flame retardant\* and durable straps for holding PAPR

\* ISO 6321-1 p7.8 Resistance to ignition



# 3M™ Speedglas™ Heavy Duty Backpack BPK- HD

The Backpack can be adjusted to meet a chest circumference between 39 1/2"-51 3/16" (75-130 cm). It also has a chest strap for increased stability.

Smooth surface.

Flame retardant\* straps that withstand spatters and sparks.

Designed to be able to hang on a hook in a dry, clean area.

Designed to be perceived as balanced when carried.

Designed to minimize contact with the back to help with ventilation.



\* ISO 6321-1 p7.8 Resistance to ignition

# Designed for Adflo and Versaflo.



# Easy to adjust, stable fit.



How to video links: [EN](#) / [FR](#)



# Adjust your backpack – not yourself.

Welding

**Comfort**

Respiratory  
Protection  
(P&SA)

**Fit**

Heavy  
Manufacturing

**Robustness**

How to video links: [EN](#) / [FR](#)

# Adjustability: 3M Speedglas Heavy Duty Backpack



Chest strap adjustment and  
shoulder strap adjustment.

How to video links: [EN](#) / [FR](#)

# Adjustability: 3M Speedglas Heavy Duty Backpack

Adjustment of shoulder straps to adjust backplate position on the back.

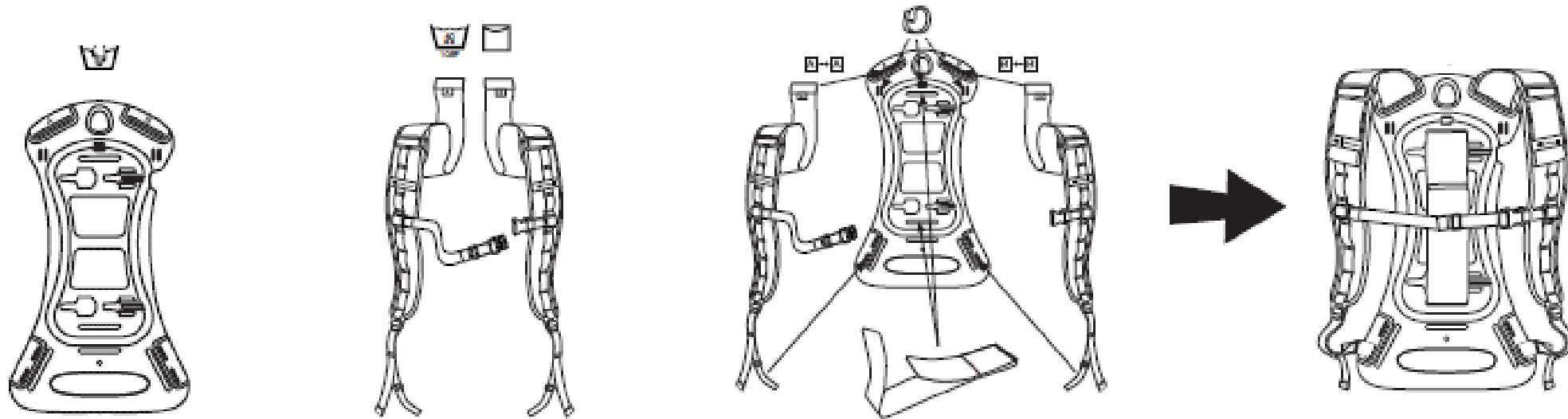


Position change of chest strap.



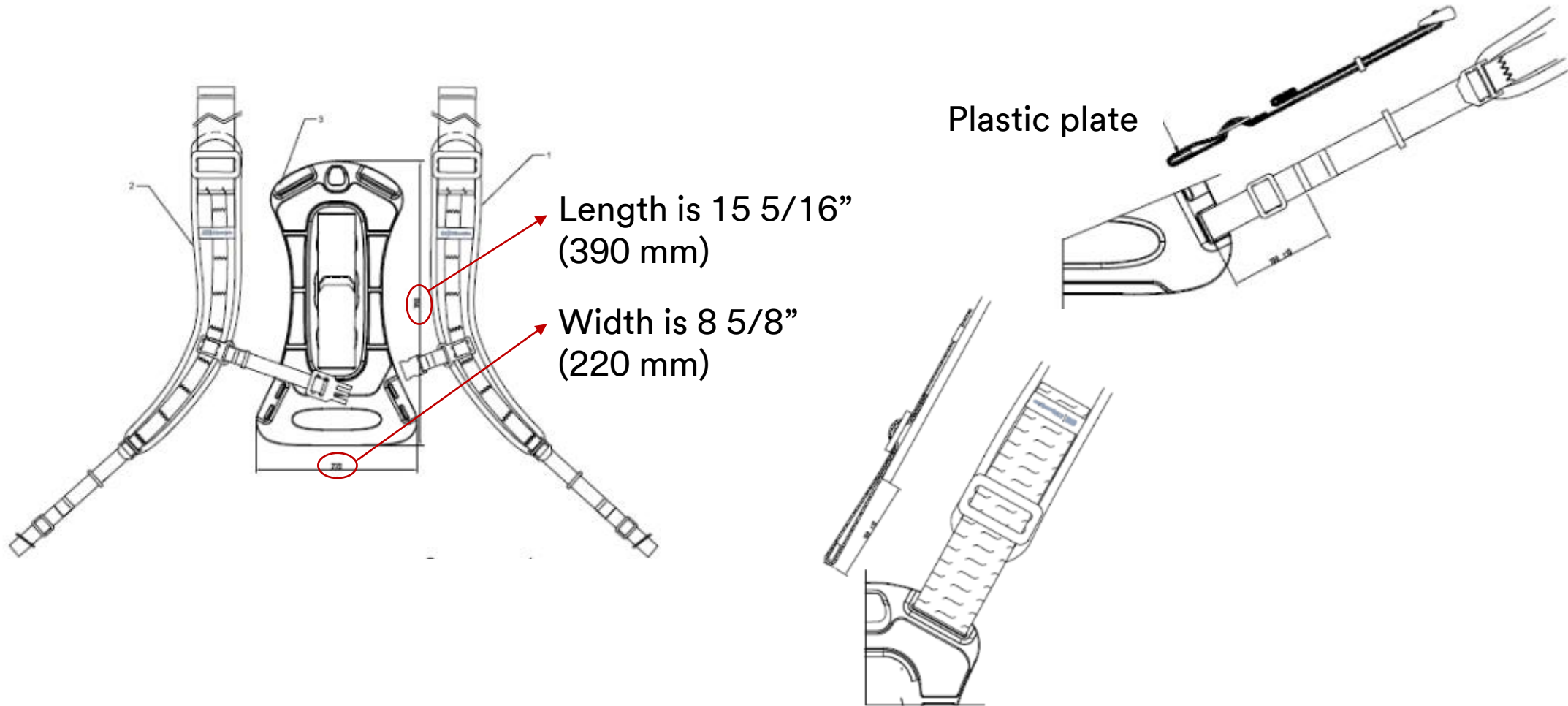
How to video links: [EN](#) / [FR](#)

# Easy to disassemble and reassemble for cleaning.



View full user instructions here: [Link](#)

# 3M™ Heavy Duty Backpack, BPK-HD drawing



# 3M™ Heavy Duty Backpack, BPK-HD

SAP ID: 7100282441

Legacy ID: UU011985932

Assembled in Poland with country-of-origin China

MOQ: 3 backpacks in a shipper, each packed individually in a recyclable plastic bag

3M™ Speedglas™ Heavy Duty Backpack, BPK-HD contains no details with elastic properties so there is no natural rubber in the product.

3M™ Speedglas™ Heavy Duty Backpack, BPK-HD contains no metallic details so there is no nickel in the product.

Packaging materials comply with EU directive 94/62/EC on packaging and packaging waste.


Unit of Measure	Pack Level Description	Pack Level Quantity	EAN/UPC
EA	Initial Pkg/Consumer	EA	04064035055950
CV	Shipper Unit	EA	04064035055967
PAL	Pallet Unit	EA	04064035055974


Distributors can choose to break cases and sell to end users as EA

Minimum Order Quantity (MOQ) is 1 Case



# Technical Data Sheet (TDS)





Technical Data Sheet  
Release 1, November 2022

## 3M™ Speedglas™ Heavy Duty Backpack, BPK-HD

**Product Description**

Part no. BPK-HD  
Compatible with:

- 3M™ Adflo™ Powered Air Purifying Respirator
- 3M™ Versaflo™ TR-300+ Powered Air Purifying Respirator
- 3M™ Versaflo™ TR-600 Powered Air Purifying Respirator
- 3M™ Versaflo™ TR-800 Powered Air Purifying Respirator

*Refer to the NIOSH approval label for approved configurations.  
No spare parts available.*

**Applications**

The product offers a possibility to carry the Powered Air Respirator on the back.  
The Speedglas heavy-duty BPK-HD is designed for:




- Use in heavy-duty industry environment
- Welding applications


Flame retardant\* and durable.  
*\*ISO 16321-1§7.8 Resistance to Ignition.*

**Materials**

**Backplate:** Thermoplastic polyester elastomer (TPC-ET-CD)  
**Harness:** Polyamide/ Polyester/ EVA

**Technical Specifications**

Weight	415 g (0.9 lb)
Operating Conditions	-5°C (23°F) to +55°C (131°F), RH ± 90%, non-condensing conditions
Storage Conditions	-20°C (-4°F) to +55°C (131°F), RH ± 90%, non-condensing conditions
Sizes	Chest circumference 75-130 cm (29.5" - 51")
Washing Instruction Backplate	Hand wash 
Washing Instruction Harness	Machine wash 40°C/105°F  , Line dry 



Links: [EN](#) / [FR](#)

# Brochure





3M™ Speedglas™ Heavy Duty Backpack

## Designed for heavy-duty industrial applications.

**Versatile adjustability for comfortable and stable fit**

**Flame retardant\* and durable**

**Comfortable and designed to be perceived as balanced when carried**

**Designed to minimize contact with the back to help with ventilation**



\*ISO 16321-1 §7.8 Resistance to Ignition.

3M Science. Applied to Life.™

Links: [EN](#) / [FR](#)



# Additional Assets

External Letter: [EN](#) / [FR](#)

External Presentation: [EN](#) / [FR](#)

Product Data: [US](#) / [Canada](#)

Videos: [EN](#) / [FR](#)

Product Photos: [Link](#)

Application Photos: [Link](#)

User Instructions: [Link](#)





**Thank you.**