



TO: Valued Scott Distributors

FROM: Karen Kaufeld

DATE: June 3, 2013

SUBJECT: Discontinuation Notice: 631 Canisters

Scott Safety is discontinuing the 631 Series canister line due to a last time purchase of a key component part. Orders will be accepted through August 30, 2013 or while supplies last. Products affected are listed below.

Recommended replacements include:

1. 742 Series Cartridges or 40mm Series Cartridges - For APR and escape from non-IDLH atmospheres
2. Speed-Evac Mouthbit Respirators - For escape from non-IDLH atmospheres
3. ELSA Emergency Escape Breathing Devices - For escape from IDLH atmospheres

1. 742 Series or 40mm Series Cartridges: For APR and escape from non-IDLH atmospheres:

If you are using the 631 canisters for general APR and escape from environments BELOW the IDLH level, the following chart provides recommended replacement cartridges for full facepiece APR. Additional cartridges may also be suitable, depending on protections required. **Service life comparisons are provided on pages 2, 3, and 4.**

DISCONTINUED			RECOMMENDED REPLACEMENTS (NON-IDLH)**					
Full Facepiece with chin style canister			Full Facepiece with twin cartridges			Full Facepiece with chin cartridge (40mm)		
631 Series Canisters			742 Series Cartridges (twin)			40mm Series Cartridges		
Part Number	Description	List Price, each	Part Number	Description	List Price, pair	Part Number	Description	List Price, each
805036-02	P100		7422-FP1	P100		052683	P100	
805037-02	CL, P100		7422-WD1	Acid Gas P100 PLUS				
805038-02	OV, P100		7422-BD1	OV P100 PLUS				
805039-02	TEDA, P100		7422-PD1	TEDA, CL, P100				
805046-02	AM		7422-GC1	AM,MA PLUS				
805047-02	CL		7422-WC1	Acid Gas PLUS				
805048-02	OV, AG, AM		7422-SD1	MPC P100		805557-01	MPC PLUS, P100	
805049-02	OV		7422-BC1	OV PLUS				
805050-02	OV, AG, R95		7422-YD1	OV, AG, P100 PLUS		805557-01	MPC PLUS, P100	

**The recommended replacement cartridges are approved for APR with the adapter and facepieces listed below:

742 Series or 40mm Series: NIOSH Approved Facepiece and Adapter Configurations

742 Series Cartridges Approved for APR with			40mm Series Cartridges Approved for APR with		
805622-01	Twin Cartridge Adapter		805059-01	40mm Adapter	
Facepieces:			Facepieces:		
805773-xx	AV-3000, Kevlar HH		805773-xx	AV-3000, Kevlar HH	
805774-xx	AV-3000, Poly HH		805774-xx	AV-3000, Poly HH	
805775-xx	AV-3000, Rubber HH		805775-xx	AV-3000, Rubber HH	
804191-xx	AV-2000, Kevlar HH		804191-xx	AV-2000, Kevlar HH	
804069-xx	AV-2000, Poly HH		804069-xx	AV-2000, Poly HH	
805257-xx	AV-2000, Rubber HH		805257-xx	AV-2000, Rubber HH	
	Scott-O-Vista			Scott-O-Vista	
	Weld-O-Vista			Weld-O-Vista	

2. Speed-Evac Mouthbit Escape Respirator - For escape from non-IDLH atmospheres:

Speed-Evac mouthbit respirators provide an alternative for escape from environments BELOW the IDLH and/or MUC (whichever is lower).

Speed Evac Mouth Bit Respirator*		List
803834-01	Acid Gas, with pouch	.
803834-30	Acid Gas, with pouch, case of 30	.
803839-01	Ammonia, with pouch	.
803839-30	Ammonia, with pouch, case of 30	.

*hard case also available

3. ELSA Emergency Escape Breathing Devices - For escape from IDLH atmospheres:

Scott recommends the use of supplied air escape respirators for users who may be subject to IDLH environments that require escape.

ELSA Emergency Escape Breathing Device		List
2009164	ELSA 5-minute	.
2009165	ELSA 10-minute	.
2014226	ELSA 15-minute	.

Service Life Comparison Guide

The following pages provide service life comparisons for replacement APR cartridges. The service life information listed is based on assumptions and conditions outlined below. If you need assistance with other comparisons, please contact your local Scott Safety representative or Scott Safety Technical Support at 1-800-247-7257.

	DISCONTINUED		RECOMMENDED REPLACEMENTS** NON-IDLH	
	631 Series Canisters	742 Series Cartridges (Twin)	40mm Series Cartridges	
Approvals	Part Number & Service Life (min)***	Part Number & Service Life (min)***	Part Number & Service Life (min)***	
	805036-02	7422-FP1	052683	
P100	Calculation not applicable	Calculation not applicable	Calculation not applicable	
	805037-02	7422-WD1		
P100	Calculation not applicable	Not Applicable		
CL	>2880	>2880		
HC	1385	982		
HS	230 (escape)	>2880 (entry and escape)		
		Also approved for: SD, CD, HF		

Service Life Comparison Guide, continued

	DISCONTINUED	RECOMMENDED REPLACEMENTS (NON-IDLH)**	
	631 Series Canisters	742 Series Cartridges (Twin)	400mm Series Cartridges
Approvals	Part Number & Service Life (min)***	Part Number & Service Life (min)***	Part Number & Service Life (min)***
	805038-02	7422-BD1	
P100	Calculation not applicable	Calculation not applicable	
OV (benzene)	1029	739	
OV (toluene)	399	287	
OV (xylene)	257	142	
	805039-02	7422-PD1	
P100	Calculation not applicable	Calculation not applicable	
TEDA		Contact Scott Safety	
CL		Contact Scott Safety	
	805046-02	7422-GC1	
AM	334	233	
MA	1421	1011	
	805047-02	7422-WC1	
CL	>2880	>2880	
HC	1385	982	
HS	230 (escape)	>2880 (entry and escape)	
		Also approved for: SD, CD, HF	
	805048-02	7422-SD1	805557-01
R95	Calculation not applicable	P100; Calculation not applicable	Calculation not applicable
OV (benzene)	1175	533	1077
OV (toluene)	420	190	208
OV (xylene)	228	98	110
HC	2145	951	2552
CL	1665	695	2131
HS	91 (escape)	389 (entry and escape)	Not approved
AM	203	82	77
MA	764	335	207
		Also approved for: SD, CD, HF, FM	Also approved for: SD, CD, HF, FM
	805049-02	7422-BC1	
OV (benzene)	1029	739	
OV (toluene)	399	287	
OV (xylene)	257	142	
	805050-02	7422-YD1	805557-01
R95	Calculation not applicable	P100; Calculation not applicable	Calculation not applicable
SD	786		215
CL	>2880	>2880	2131
OV (benzene)	1604	727	1077
OV (toluene)	506	229	208
OV (xylene)	258	110	110
HS	(escape)	790 (entry and escape)	Not approved
FM	>2880 (see footnote ¹)	>2880 (see footnote ¹)	930 (see footnote ¹)
		Also approved for: HC, CD, HF	Also approved for: HC, CD, HF, AM, MA

¹Note: Change out schedule for formaldehyde is governed by 1910.1048. While the service life provided above is beyond the required change out time, 1910.1048(g)(2)(ii)(A) indicates "Replace the cartridge after three (3) hours of use or at the end of the workshift, whichever occurs first, unless the cartridge contains a NIOSH-approved end-of-service-life indicator (ESLI) to show when breakthrough occurs."

*****Service Life Calculation Assumptions & Definitions**

- APF = 50 based on full facepiece respirator, in accordance with OSHA 29 CFR 1910.134
- Canisters may be used for escape from IDLH conditions within the MUC based on the APF of the respirator [NIOSH Respirator Decision Logic 2005-100]
- PEL - permissible exposure limit
- IDLH - Immediately Dangerous to Life and Health
- MUC - Maximum use concentration
- Service life is calculated based on MUC (entry), OSHA PEL, 64 l/min breathing rate, 25 C, 50% RH, 1 atm, 20% safety factor
- Hydrogen sulfide approval on 631 is escape only. Service life for 631 is calculated based on MUC (escape). The 631 may not be used for entry into atmospheres containing hydrogen sulfide

If you need assistance with other comparisons, please contact your local Scott Safety representative or Scott Safety Technical Support at 1-800-247-7257. Additionally, you can customize service life estimations based on site conditions for breathing rate, humidity, temperature and altitude by using Scott's state-of-the-art cartridge service life calculator tool for 742 and 40mm APR respirators at www.ScottSureLife.com. For a complete listing of available 742 cartridges, please visit www.ScottSafety.com.

We value your business and apologize for any inconvenience. Please let us know if we can provide additional assistance with the selection of replacement products.

Sincerely,

Karen Kaufeld
Product Line Manager, APR
Scott Safety