



Declaration on materials and the environment

Product	Type	AVP242 F001 AVP242, 243, 244 F021 AVP243, 244
	Description	Pneumatic actuators
	Range	Pneumatic drives
Process supervisor	Fr. Sauter Ltd. Im Surinam 55, CH-4016 Basle	
	Management system certified	since by
	ISO 9001	10th Aug. 1993 SQS
	ISO 9001:2000	10th Aug. 2002 SQS
	ISO 14001:2004	10th Aug. 2005 SQS
OHSAS 18001:1999	10th Aug. 2005 SQS	
Environmentally-compatible product design	Based on	Management system Fr. Sauter Ltd.
	Process	Business process Product innovation
Product usage	Typical energy consumption p.a.	not applicable
	CE conformity	PDS 71.247
	Servicing, maintenance	PDS 71.247
	How the environment benefits	see last page
Risk to the environment in the event of damage	Fire protection as per	EN 60695-2-11, EN 60695-10-2
	Fire load ⁽¹⁾	6.4...21.7 MJ
	Parts containing halogen (causing corrosive smoke)	none
	Pollutive liquids	Lubricant
	Explosive substances	none
Packaging*	Corrugated board PAP 20	0...380 g
	Paper PAP 22	15 g

⁽¹⁾ See **Remarks** on last page

*Directive 94/62/EC and follow-up document; decision 97/129/EC

Materials	Total weight of product ⁽²⁾	3008...13678 g	Safety data sheet	EU waste code**
Synthetics				
EPDI		0...0.5 g	Yes	20.01.39
NBR		67.5...187 g	Yes	20.01.39
PC		3.5...614.5 g	Yes	20.01.39
PC+ABS blends		30...60 g	Yes	20.01.39
PE		1 g	Yes	20.01.39
Metal				
Steel, various alloys		2045...8217 g	Not required	20.01.40
Aluminium, various alloys		0...5107 g	Not required	20.01.40
Sintered metal with Fe		0...102 g	Not required	20.01.40
Printed circuit board				
None				
Miscellaneous				
		g		
Special components				
Lubricant (contains no silicone)		0.5...1 g	Yes	20.01.26
Threadlock (contains no silicone)		1...2 g	Yes	20.01.99

N.B.:

Silicone content: none of the parts used contain any silicone

⁽²⁾ See **Remarks** on last page

**Directive 75/442/EEC and follow-up document; decision 2001/118/EC

Disposal**Product:**

For disposal, the product is considered to be waste comprising metals and synthetics and should not be disposed of as household waste.

Fr. Sauter Ltd. observes the European directive 2002/95/EG (RoHS); the company's soldered products have been lead-free since 01.07.2006.

Special treatment of particular components may, under certain circumstances, be either compulsory by law or ecologically advisable.

Packaging:

Readily recyclable

Observe local regulations and the latest applicable laws.

Special notes:

Because they are under spring pressure, the two halves of the housing should be separated using suitable equipment.

Remarks**(¹) Fire load, depending on type:**

AVP 242 F001	21.5 MJ
AVP 242 F021	21.5 MJ
AVP 243 F021	6.5 MJ
AVP 243 F031	6.5 MJ
AVP 244 F021	10.0 MJ
AVP 244 F031	10.0 MJ

Accessories:

- 0297933 001 Attachments for XSP31	0.2 MJ
- 0297934 001 Attachments for XAP	0.0 MJ
- 0297935 001 Attachments for XEP	0.6 MJ

(²) Weight, depending on type:

AVP 242 F001	3,142 g
AVP 242 F021	3,008 g
AVP 243 F021	5,728 g
AVP 243 F031	5,480 g
AVP 244 F021	13,678 g
AVP 244 F031	12,847 g

Accessories:

- 0297933 001 Attachments for XSP31	295 g
- 0297934 001 Attachments for XAP	152 g
- 0297935 001 Attachments for XEP	150 g

How the environment benefits

- Can be dismantled for specialist disposal according to its various recyclable materials. No electronic components
- Easy to dismantle
- No consumption of energy

Disclaimer: This declaration is solely for information purposes.

If circumstances arise, Sauter may change the above-mentioned specifications without prior notice. Fr. Sauter Ltd. expressly rejects any liability for damage occurring due to the above information.

Further information on environmental aspects in general and on disposal in particular can be obtained from the local Sauter agent.