



# Declaration on materials and the environment

<b>Product</b>	Type	<b>BUN 015...050, PN16</b>
	Description	<b>Three-way valve with male thread</b>
	Range	<b>Valves</b>
<b>Process supervisor</b>	Fr. Sauter Ltd. Im Surinam 55, CH-4016 Basle	
	Management system certified	since by
	ISO 9001	<b>10<sup>th</sup> Aug. 1993 SQS</b>
	ISO 9001:2000	<b>10<sup>th</sup> Aug. 2002 SQS</b>
	ISO 14001:2004	<b>10<sup>th</sup> Aug. 2005 SQS</b>
	OHSAS 18001:1999	<b>10<sup>th</sup> Aug. 2005 SQS</b>
<b>Environmentally-compatible product design</b>	Based on	<b>Management system Fr. Sauter Ltd.</b>
	Process	<b>Business process Product innovation</b>
<b>Product usage</b>	Typical energy consumption p.a.	<b>not applicable</b>
	CE conformity	<b>PDS 56.101</b>
	Servicing, maintenance	<b>PDS 56.101</b>
	How the environment benefits	<b>see last page</b>
<b>Risk to the environment in the event of damage</b>	Fire protection as per	<b>EN 60695-2-11, EN 60695-10-2</b>
	Fire load <sup>(1)</sup>	<b>max. 0.4 MJ</b>
	Parts containing halogen (causing corrosive smoke)	<b>not applicable</b>
	Pollutive liquids	<b>lubricant</b>
	Explosive substances	<b>none</b>
<b>Packaging*</b>	Cardboard PAP 22	<b>Wooden pallet, cardboard packaging 5 g</b>

<sup>(1)</sup> See **Remarks** on last page

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

<b>Materials</b>	<b>Total weight of product <sup>(2)</sup></b>	<b>880...3560 g</b>	<b>Safety data sheet</b>	<b>EU waste code**</b>
<b>Synthetics</b>				
EPDM (O-rings)		<b>3...8 g</b>	Yes	20.01.39
PTFE (wiper)		<b>1...5 g</b>	Yes	20.01.39
PE (protective cap & plugs, for transport only)		<b>4...130 g</b>	Yes	20.01.39
<b>Metal</b>				
Brass (housing, plug, stuffing box)		<b>830...3490 g</b>	Not required	20.01.40
CrNi steel (spindle)		<b>30...40 g</b>	Not required	20.01.40
Steel (securing ring)		<b>1...10 g</b>	Not required	20.01.40
<b>Printed circuit board</b>				
None		<b>g</b>		
<b>Miscellaneous</b>				
		<b>g</b>		
<b>Special components</b>				
Lubricant		<b>3 g</b>	Yes	20.01.26

**N.B.:**

Silicone content: Neither the lubricant nor any of the parts used contain silicone.

The valves are made solely from environmentally-friendly materials.

<sup>(2)</sup> See **Remarks** on last page

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

**Disposal****Product:**

The valves can be fully recycled as metal 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:**

Recyclable

**Observe local regulations and the latest applicable laws.**

**Special notes:**

- Observe operating temperature
- Remove pressure before changing any spare parts
- Observe fitting instructions on drawing

**Remarks****(<sup>1</sup>) Fire load, depending on type:**

Accessories:

- |   |        |
|---|--------|
| - 0378284 100 Stuffing-box heater, complete 230V~ | 0.6 MJ |
| - 0378284 102 Stuffing-box heater, complete 24V~  | 0.6 MJ |

**(<sup>2</sup>) Weight, depending on type:**

BUN 015 F300...F350	820 g
BUN 020 F300	1,000 g
BUN 025 F300	1,300 g
BUN 032 F300	1,740 g
BUN 040 F300	2,520 g
BUN 050 F300, F200	3,440 g

Accessories:

- |   |      |
|---|------|
| - 0378284 100 Stuffing-box heater, complete 230V~ | 76 g |
| - 0378284 102 Stuffing-box heater, complete 24V~  | 69 g |

**How the environment benefits**

- These heavy-duty valves are extremely long-lasting and require no maintenance
- Saves energy on heating and cooling thanks to the excellent regulability of the throughflow
- Optimum use of raw materials

**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.