



## Environmental Product Declaration

<b>Product</b>	Type of equipment / Product No.	VVF53.15..	Two-Port Valve, DN 15	
		VVF53.20..	Two-Port Valve, DN 20	
		VVF53.25..	Two-Port Valve, DN 25	
		VVF53.32..	Two-Port Valve, DN 32	
		VVF53.40..	Two-Port Valve, DN 40	
		VVF53.50..	Two-Port Valve, DN 50	
		VVF53.65..	Two-Port Valve, DN 65	
		VVF53.80..	Two-Port Valve, DN 80	
		VVF53.100..	Two-Port Valve, DN 100	
		VVF53.125..	Two-Port Valve, DN 125	
	VVF53.150..	Two-Port Valve, DN 150		
	Product line	New Generation Acvatix - Valves		
<b>Process control</b>	Siemens Switzerland Ltd			
	Building Technologies Division			
	Gubelstrasse 22			
	CH-6301 Zug			
	Management System	since	by	
	ISO 14001 (Environment)	20.10.1998	SQS	
	ISO 9001 (Quality)	22.07.1986	SQS	
<b>Environmentally compatible product design</b>	Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying with Siemens EP Standard No. 1 (former SN 36350) "Specifications on Environmentally Compatible Product and System Design".			
	Maintenance	Not necessary		
<b>Packaging</b>	22-PAP paper	Carton Box	163 ... 3'720g	
	4-LDPE	Protection cap (DN125 .. DN150)	0 ... 212g	
	Wood	Wooden Pallet (DN125 ... DN150)	0 ... 7'710g	
	Notes on disposal	One-way, recyclable		
<b>Materials</b>	Total weight of device	variant *) see below		
	The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
<b>Plastics</b>	PTFE; halogenated	Wiper ring	3g	
	FEPM; halogenated	O-Ring	variant	
<b>Metals</b>	EN GJS-400-18-LT	valve housing	variant	
	steel CrMo	plug, valve seating	variant	
	steel CrNi	stem	variant	
	Steel	blind flange	variant	
	Steel	bolt, nut	variant	
	Al	plate	2g	
	steel CrMo	stem sealing housing	77g	
	Cu	sealing	2g	
	<b>Others</b>	silicon-free	grease	6g
		Graphite-Laminat	Sealing blind flange	variant

**\*Variant parts list**

	VVF53.15..	VVF53.20..	VVF53.25..	VVF53.32..	VVF53.40..	VVF53.50..	VVF53.65..	VVF53.80..	VVF53.100..	VVF53.125..	VVF53.150..	
Total weight of device [g]	4'208	5'332	6'081	8'748	10'127	13'453	22'171	27'697	38'565	54'357	74'276	
O-Ring	1	1	1	1	1	1	1	1	1	1	1	
valve housing	3'000	3'800	4'300	5'800	6'800	9'000	15'400	19'400	26'600	39'900	51'500	
plug, valve seating	35	39	75	105	184	377	934	1'251	1'676	2'025	4'087	
stem	93	93	105	105	105	134	149	149	172	172	172	
blind flange	700	1'000	1'200	2'000	2'300	3'200	4'300	5'500	7'600	10'800	14'600	
bolt, nut	288	308	308	644	644	644	1'288	1'288	2'416	1'360	3'816	
Sealing blind flange	1	2	2	3	4	8	10	19	11	10	11	

**Disposal**

The device should not be disposed of as unsorted municipal waste. The special treatment for specific components may be mandated by law or ecologically sensible. Observe all local and applicable laws.

**Comments**

**EU-directive 2011/65/EU (RoHS)**

The device does not contain substances in concentrations and applications banned under the EU RoHS Directive.

**Regulation (EC) No. 1907/2006 (REACH)**

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

(Status according to the creation date of this document.)

The device is halogen-free with exception of:  
wiper ring made of PTFE; O-ring made on FEPM; grease

**Legal Disclaimer: This declaration is for information purpose only.**

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Siemens Switzerland Ltd therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.