

Packaging - Specification

General information

Item No.	20001568	Color	translucent
Item description	VKA-MCA-0561-300-Y1.4-NAT-351-CP1-VA	Material	HDPE / EVOH
Customer reference No.		Drawing	KDZ-MPL-14000a
Description	rectangular container with squeezed handle neck opening with thread, cap slightly screwed on neck Barrier layer EVOH / Antistatic outer layer		
Embossing	manufacturer, Lot-Number, production date item, UN-registration-No., recycling sign, food sign, blind sign		
Customer Embossing	None		
Print	None		
Application	<ul style="list-style-type: none"> ● Chemicals ● Flammable liquids ● Foodstuff (aqueous, fatty, acid) ● Coatings ● Flavours and fragrances ● Pharmaceutical agents 		

Dimensions

Nominal Capacity [Litres]	5.00	Brimful capacity min. [Litres]	5.30
Lenght [mm]	194 + 3.5 / - 3.5	Width [mm]	164 + 4 / - 4
Height [mm]	229 + 5 / - 5	Stacking height [mm]	216 + 5 / - 5
Weight [g]	300 + 5% / - 0%		
Thread neck	DIN 61	Diameter inner neck [mm]	48.5 +0 / -1

Transport of dangerous goods

Registration-No. (liquides goods)	UN 3H1/Y1.4/150/Jahr/CH/EGI 4205741-MPL
Registration-No. (solids goods)	xxx
Mode	by rail, by road, by ship and by aviation
Shelf life	5 years from date of manufacture

Filling goods regarded equivalent with the standard liquids

Standard liquids	max. Density [kg / L]	packing group	vapour pressure lower then	
			at 50°C [kPa]	at 55°C [kPa]
a) water	1.4	II, III	142	166
b) wetting solution	1.2	II, III	142	166
c) acetic acid	1.2	II, III	142	166
d) n-butylacetate / with n-butylacetate saturated wetting solution	1.0	II, III	142	166
e) mixture of hydrocarbons (white spirit)	1.0	II, III	142	166
f) nitric acid 55%	xxx	xxx	xxx	xxx

Chemical compatibility based on a storage of original goods in the packagings

Original good	max. Density [kg / L]	packing group	vapour pressure lower then	
			at 50°C [kPa]	at 55°C [kPa]
g) Würth-Silikonentferner	1.2	II, III	142.0	166.0
h) Staufen-Universalverdünnung	1.2	II, III	142.0	166.0
xxx	xxx	xxx	xxx	xxx

Packaging

Packaging Unit:	351 pcs / CP1-Pallet 1000x1200x2100mm 9 Layers with 39 pcs, stretched
Label:	two per packing unit, all relevant data included for back-tracing

Closures

Item No.:	20000238	Gasket:	PE, flat, foamed
Item description:	Kani-Verschl. 55mm schwarz 4mm o. GB_500K	Color:	black
Torque:	25 Nm	Material:	HDPE
		Drawing:	xxx
Print / Embossing:	xxx		

Electostatic properties

According to the relevant standards and codes of practice TRGS 727 Edition 2016 and TS IEC 60079-32-1 Edition 2013 our ATEX containers are dissipative on the outside and are suited to be used for flammable liquids of explosion groups IIA and IIB.

Value range [Ω]:	1.0 E+08 - 9.99 E+10
Testing center:	Swiss Process Safety Consulting Report 17.GL.014D.SPSC1219 ENG - 17.09.2017

Shelf life

Please note that the dissipative properties may decrease with age. We recommend to use the containers within 24 months.

Miscellaneous

Filling properties

Do not exceed a maximum filling temperature of 60°C.

Storage

Protect the container from	● heavy rain	● strong shafts of sunlight
	● high temperature	

Quality systems

Standard:	ISO 9001:2015	Occupational safety:	OHSAS 18001:2007
Food:	BRC (Global Standard Packaging)	Environment:	ISO 14001:2015

Remarks

Materials used comply with the respective international rules and regulations for suitability of foods (recommendatio BgVV and/or FDA).
Declaration of conformity on request available. However, this statement does not release the user of the foresaid container from his obligation to prove compatibility of his products!

special arrangements

no special agreements made