

Packaging - Specification

General information

Item No.	20000370	Color	translucent
Item description	VKA-MCA-0561-300-Y1.4-NAT-224-EUR	Material	HDPE / EVOH
Customer reference No.		Drawing	KDZ-MPL-14000
Description	rectangular container with squeezed handle neck opening with thread 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	● 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: 224 pcs / EUR-Pallet 800x1200x1900mm
8 Layers with 28 pcs, stretched

Label: two per packing unit, all relevant data included for back-tracing

Closures

Remarks: For the transportation do only use closure which are mentioned in the UN-Registration.

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
- high temperature
- strong shafts of sunlight

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!