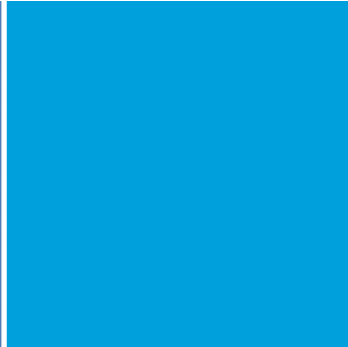




KAUTEX

A Textron Company



PLANT CARE BOTTLES & JERRYCANS

Co-operation with KAUTEX means the following decisive advantages to you:

- ◆ We optimize your economical conditions with support of our know-how - especially in co-extrusion technology - you benefit from our experience, particularly also for your new developments.
- ◆ Quality and reliability for our packing products made of HDPE as well as co-extrusion made us an approved partner of prominent enterprises of crop protection industry.
- ◆ We offer a broad product assortment of bottles and jerrycan, as well as special designed containers; there are different decoration methods to be selected: Screen printing, labelling, sleeving.
- ◆ Due to the existing production and storage capacities we are able to ensure your delivery security for supplying your markets.
- ◆ Fluent communication with our employees who speak your language!

Why does KAUTEX recommend barrier technology?

Plastics, particularly the group of polyolefins (PE), have many useful properties, but are not completely impermeable to very volatile substances and oxygens. This filling material molecules can migrate outwards through the container wall or oxygen can migrate inwards to the contents. This process is known as permeation.

This process is prevented by the KAUTEX barrier method, particularly with HDPE for hydrophobic, aromatic and aliphatic substances.

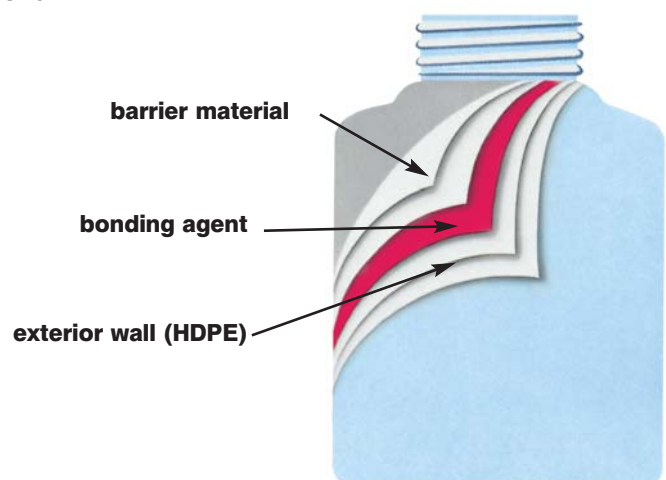
Normally, a tailor-made combination of 3 layers is sufficient, combining a barrier material in accordance with the application.

These are the layers used in the most common material combinations (from outside to inside):

- HDPE - bonding agent - PA
- HDPE - bonding agent - EVOH

Areas of application for packing with barrier material manufactured by co-extrusion blow moulding

- ◆ plant protection agents
- ◆ chemical products with a high permeation rate
- ◆ fuels, fuel oil additives
- ◆ oxygen sensitive media
- ◆ paints, laquers, solvents
- ◆ food packing
- ◆ flavours





Neck DIN 6063 K 50 Plant care bottles HDPE 100 - 1000 ml

Nominal capacity ml	Reference	ID-No.	Type	Weight g	Colour	Packaging unit pcs.	Approval UN
100	available soon		round	20	natural	4.536	-
200	321 241	83987	round	20	natural	3.888	-
250	321 243A	84778	round	30	natural	2.988	1H1/Y1.3
500	321 242A	84777	round	45	natural	1.584	1H1/Y1.3
1.000	321 217A	84617	round	73	natural	780	1H1/Y1.9

Neck DIN 6063 K 50 Plant care bottles COEX 100 - 250 - 500 - 1000 ml

Nominal capacity ml	Reference	ID-No.	Type	Weight g	Colour	Packaging unit pcs.	Approval UN
100	available soon PE/PA PE/EVOH		round	20	natural	4.536	-
250	321 243 PE/PA	84747	round	30	natural	2.988	1H1/Y1.3
250	321 243 PE/EVOH	84876	round	30	natural	2.988	1H1/Y1.3
500	321 242 PE/PA	84748	round	45	natural	1.584	1H1/Y1.3
500	321 242 PE/EVOH	85462	round	45	natural	1.584	1H1/Y1.3
1.000	321 217 PE/PA	84751	round	73	natural	780	1H1/Y1.3
1.000	321 217 PE/PA	84283	round	83	natural	790	1H1/Y1.3
1.000	321 217 PE/PA	83045	round	110	natural	790	1H1/Y1.3
1.000	321 217 PE/EVOH	84616	round	73	natural	780	1H1/Y1.3

Shoulder imprints „AGROCHEMICALS/FITOSANTITARIO“ on every bottle except 100 and 200 ml. The bottles are packed on wooden pallets CP1 (1200 mm x 1000 mm). The bottom imprints indicate date, producer initial «K», mould- and cavity no. as well as the raw material code. For other types, forms, weights or colorations please request an individual offer.

**Neck DIN 6063 K 50
Plant care bottles COEX 1000 ml
Edition BRASIL with tamper evident ring**



Nominal capacity ml	Reference	ID-No.	Type	Weight g	Colour	Packaging unit pcs.	Shoulder imprints
1.000	321 217B PE/PA	85430	round	110	natural	790	Front side: Agrochemicals - No reutilizar este envase Back side: Nao reutilizar esta embalagem

**Neck K 63
Plant care bottles HDPE & COEX 1000 ml**

Nominal capacity ml	Reference	ID-No.	Type	Weight g	Colour	Packaging unit pcs.
1.000	321 254 HDPE	85309	round	83	natural	790
1.000	321 254 PE/PA	85307	round	90	natural	790



**Neck DIN 6063 KS 50 tamper evident
Plant care bottles HDPE 1000 ml**

Nominal capacity ml	Reference	ID-No.	Type	Weight g	Colour	Packaging unit pcs.	Shoulder imprints
1.000	321 219	84815	round	83	yellow	790	Pflanzenschutzmittel, Pesticide, Pesticida

The bottles are packed on wooden pallets CP1 (1200 mm x 1000 mm). The bottom imprints indicate date, producer initial «K», mould and cavity no. as well as the raw material code. For other types, forms, weights or colorations please request an individual offer.



Neck IS 63 Plant care jerrycans HDPE 2,3 - 3 - 5 - 10 l

Nominal capacity litre	Reference	ID-No.	Type	Weight g	Colour	Packaging unit pcs.	Approval UN
2,3	720.020.00	81913	with grip	150 Grip	natural	324	-
3,0	720.066.00	83504	Hazel	180	natural	200	-
5,0	720.071.08	86056	C 95	220	natural	168	3H1/Y1.3
5,0	720.071.01	85823	C 95	250	natural	168	3H1/Y1.3
5,0	720.067.00	95877	Hazel	250	natural	160	-
5,0	720.068.02	95703	with knob	280	natural	162 or 168	3H1/Y1.3
10,0	720.062.05	85698	with grip	400	natural	90	3H1/Y1.3

Neck IS 63 Plant care jerrycans COEX 3 - 5 - 10 l

Nominal capacity litre	Reference	ID-No.	Type	Weight g	Colour	Packaging unit pcs.	Approval UN
3,0	720.066.10	82480	Hazel	180	natural	200	-
5,0			C 95	220	natural	168	3H1/Y1.3
5,0	720.071.11	85867	C 95	250	natural	168	3H1/Y1.3
5,0	720.067.11	95877	Hazel	250	natural	160	3H1/Y1.4
5,0	720.070.00	95837	with knob	280	natural	162	3H1/Y1.5Z1.9
10,0	720.069.03	95752	with grip	389	natural	90	3H1/Y1.3

The jerrycans are packed on wooden pallets CP1 (1200 mm x 1000 mm). The bottom imprints indicate date, producer initial «K», mould and cavity no. as well as the raw material code. Please request an individual offer for labelled jerry-cans or with sleeves as well as for other types, forms, weights or colorations.



Neck DIN 90, SSV 90 Plant care jars HDPE 2000 - 3000 ml

Nominal capacity ml	Reference	ID-No.	Type	Weight g	Colour	Packaging unit pcs.	Shoulder imprints
2.000	376 71	84190	round	90	white	510	Pflanzenschutzmittel, Agrochemical, Agroquimica
2.300	376 71A	84360	round	110	white	408	Pflanzenschutzmittel, Agrochemical, Agroquimica
3.000	376 75	84453	round	160	white	256	Pflanzenschutzmittel, Agrochemical, Agroquimica

The bottles are packed on wooden pallets CP1 (1200 mm x 1000 mm). The bottom imprints indicate date, producer initial «K», mould and cavity no. as well as the raw material code. For other types, forms, weights or colorations please request an individual offer.

Closures for Plant care bottles, jars and containers

Type of closure	for reference	Reference	ID-No.	Type of seal	Colour	Packaging unit unit/pcs.
DIN 6063 K50	100 ml 321 241 321 243 A 321 242 A 321 217 A	805 344	85448 85449	Alu/Surlyn induction seal	white	approx. 16.000
DIN 6063 K 50	321 217 B	available soon	available soon	Alu/Surlyn induction seal, tamper evident ring	white	approx. 16.000
DIN 90 SSV90	376 71 A 376 75 A	805 313	84189	Perbunan seal	white	approx. 7.200
DIN 6063 KS 50	100 ml	available soon	available soon	Alu/Surlyn induction seal, tamper evident ring	white	approx. 16.000
DIN 6063 KS 50	321 219			Tamper evident closure	blue	approx. 16.000
K 63	for all jerry cans 321 254		91901/ 85875	Duplex Surlyn induction seal	white	approx. 10.000

The closures are packed on wooden pallets EURO (1200 x 800 mm). For other colorations and seals please ask for an individual offer.

KAUTEX TEXTRON Production sites for plant care bottles and cans



PLANT BONN-DUISDORF

Located in the west of Germany, headquarter of the Industrial Products division, serves more than 1.100 customers for the chemical, pesticide, pharmaceutical and food industries, produces all plant care bottles from 100 - 3000 ml, storage capacity of 7.300 m² for all key products for flexible and shortterm deliveries.



KAUTEX TEXTRON worldwide

PLANT WALDKIRCH

Located in the south-west of Germany, serves more than 400 customers for the chemical, pesticide, pharmaceutical and food industries, produces all plant care cans and the 250, 500 and 1000ml bottles in COEX, storage capacity of 17.700 m² for all key products for flexible and shortterm deliveries.



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Standard Packaging

Bottles, jars, containers – deliverable ex stock.

- Successful products for laboratories, chemical industries, pharmacy and cosmetics
- Many versions, sizes, material, accessories
- For special applications also available with barriers (co-extrusion, fluorination)

Please inquire for our sales brochures: Sales.STVP@kautex.textron.com



Special Packaging

- Bottles and jars made of PE, PP, PETG and PVC; for special applications also available with barriers (co-extrusion, selar)
- The customer determines the design.
- If required, the packaging can be decorated: screen printing, thierimage, film hot-stamping, labelling



System Packaging

- Many different types and sizes of bottles from KAUTEX-owned moulds. The customer selects the type of bottle, the suitable closure, colour and decoration. No charge is made for the cost of moulds.
- For special applications also available with barriers (co-extrusion, selar).



Plant Care Packaging

- Bottles for crop protection agents: 100 ml to 1 l
- Jerrycans for crop protection agents: 2 l to 10 l
- Certifications for all hazardous goods
- Stand colouring natural or yellow translucent available ex stock, other colours and designs by request
- with and without barrier (Coex)

Please inquire for our sales brochures: Sales.SVP@kautex.textron.com



Large Packaging

- Jerrycans: 2 l, 2,5 l, 3 l, 5 l, 6 l, 8 l, 10 l, 20 l, 25 l, 30 l.
- Jerrycans for crop protection agent with barrier (co-ex): 2 l, 2,3 l, 3 l, 5 l, 10 l
- Ex stock or as a special design; if required with the necessary certifications.



Bitte fordern Sie unsere Unterlagen an: Sales.GVP@kautex.textron.com