

PROTECT KIDS. SAVE LIVES.

Discover our child-resistant
packaging materials.



**LET'S SAVE
LIVES TODAY.**



LET'S FIND A SOLUTION TOGETHER.

Protecting children from harmful drugs is our business. And yours.

Though pharmaceuticals are essential for healing and curing illness, they can cause severe harm to healthy bodies – with particularly tragic consequences in the hands of children.

We may not be able to change the way children see the world, but we certainly can protect them from accidental self-harm. Thanks to our broad spectrum of child-resistant solutions, we are sure to find one ideally suited to your product.

You can use our child-resistant solutions with the entire range of Constantia Flexibles products. Our innovation experts will work with you to develop a solution tailored to your needs.

- **More trust**
- **More safety**
- **More choice**
- **More presence globally**

Learn more about our offering on our website:

pharma.cflex.com/child-resistant



CHILD SAFETY: DID YOU KNOW?

1

Packs are considered child-resistant when **80%** of children (aged 42 to 51 months) fail to open them.¹



3

1- TO 3-YEAR-OLD CHILDREN

are at the highest risk of being poisoned.³



2

A child can be killed by ingesting **ONE SINGLE TABLET** of certain heart and pain medicines.²



4

Every day in the US, **165 CHILDREN UNDER 5** require emergency treatment due to accessing medicines.⁴



5

For every 10 cases of child poisoning, approximately **9 HAPPEN AT HOME.**⁵



6

ONLY 3 OUT OF 5 PARENTS in the US keep medicines out of the reach of children.⁶



MEET OUR RANGE OF LIFE-SAVING PRODUCTS.

APERTA



LUX



DUO



TRIA



FLECTA



FORTE



APERTA

This opening feature uses needles to perforate the PET layer and ease the opening of certain packaging solutions. We call it “APERTA”, which is Latin for “open”.



- Available for sachets, strip packs, stick packs, or flow wraps
- Defined weakening of PET film without loss of barrier (no aluminum damage)
- Difficult for children to open due to multiple-step approach



LUX

The perforation mechanism – available for certain packaging solutions – uses lasers instead of needles, which is why we call it “LUX”, Latin for “light”.



- Available for sachets, strip packs, stick packs, or flow wraps
- Selective weakening of PET layer by laser beam: PET absorbs laser beam for precise scribing/scoring (no aluminum damage).
- Difficult for children to open due to multiple-step approach



DUO

Two steps are necessary to access the product with this opening feature – first separate the cavity and then peel off the paper – hence the name “DUO”.



- Two-step access to sensitive medicines: only after separating one blister cavity from the package is the user able to peel the lidding foil off the base web
- Tailor-made designs for different childresistant protection levels (F1–F8)
- Typical paper/PET/aluminum structures
- Excellent suitability for in-line printing systems



TRIA

This opening feature requires three steps to access the product – separate the cavity, peel off the paper, and push through the product – which is why we call it “TRIA”, Latin for “three”.



- High level of safety thanks to the three steps necessary to access the product
- Users must first separate the cavity from the blister card to access the peel layer
- The protective film (top layer) must then be peeled off to access the push-through feature in the remaining lidding foil
- Excellent suitability for in-line printing systems



FLECTA

First bend, then tear – that’s how you access the product with this opening feature – which is why we call it “FLECTA”, Latin for “bend”.



- Two-step access to sensitive medicines
- After separating the cavity from the blister packaging, users tear along the perforated line to access the medicine
- Users must tear the lidding foil and the bottom foil together in order to access the product
- Excellent suitability for in-line printing systems



FORTE

We designed this child-resistant feature to require extra strength to be opened, hence the name “FORTE”, Latin for “strong”.



- Sealing (contact) side stays unchanged to standard blister lidding foil
- Upgrade of the standard blister lidding foil to a child-resistant push-through solution
- Complies with global legal requirements for child-resistant solutions
- Excellent in-line and off-line printability



LET'S SAVE KIDS' LIVES TOGETHER.

Children are born with an irrepressible desire to explore their world and it is precisely this curiosity that can get them in trouble. As one of the biggest packaging companies worldwide, we make it our business to keep them safe and out of the emergency room.

Working with you as preferred partners, we can play a role in reducing medication-related poisonings of children across the world. Together we can make sure our kids stay curious while also staying safe.

For more information, use the contact details below to find your local representative. We look forward to introducing to you our wide range of child resistant solutions.

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CHILD SAFETY FACTS

- 1) IVM Childsafe. Standards for Child Resistant Packaging (CRP). <http://www.ivm-childsafe.com/child-resistance/crp-standards>
- 2) Child Safety and Abuse Prevention Programs. Child Safety in the home. Parent's Guide to Child Safety. http://www.keepyourchildsafe.org/child_safety_stats.html
- 3) Risk factors for unintentional poisoning in children aged 1–3 years. https://www.researchgate.net/publication/236936865_Risk_factors_for_unintentional_poisoning_in_children_aged_1-3_years_in_NSW_Australia_A_case-control_study
- 4) Medication Leading Cause of Child Poisoning in U.S. <https://www.webmd.com/children/news/20120320/medication-leading-cause-child-poisoning-us#1>
- 5) Safe Kids Worldwide. Medication Safety. <https://www.safekids.org/medication-safety-0>
- 6) Safe Kids Worldwide. Safe Storage, Safe Dosings, Safe Kids: A Report to the Nation on Safe Medication (March 2012). <https://www.safekids.org/research-report/safe-storage-safe-dosing-safe-kids-report-nation-safe-medication-march-2012>



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