



PERFORMANCE IN MOTION

THE NEXT GENERATION MATERIAL





HOW CAN YOU IMPROVE THE PERFORMANCE OF YOUR CONVEYOR LINES ? REGINA HAS THE ULTIMATE SOLUTION !!

In the first half of the nineties, REGINA understood that the development of new products for Conveyor application should have been through an expanded use of engineered polymer materials than in the past. This strategy allowed the solving of geometrical problems and suited new line requirements. The long standing and close co-operation between REGINA and DuPont™ resulted in the formulation of the new Delrin® with Kevlar® material (DK).

REGINA introduced DK to the market during Drinktec 1997.

We felt that, after many years of slow evolution, this was the first major step forward, increasing wear resistance and reducing coefficient of friction compared to the traditional thermoplastic chains.

DK material was offered to traditional users of stainless steel chains, allowing them to use a wider range of products and improve the conveyor line's efficiency.

In more than ten years of field experience, DK proved to be a problem solver and allowed our customers to overcome critical bottlenecks.

Partners of this adventure have been leaders such as Coca Cola, Empresas Polar, Inbev, Modelo Mexico, Nestlé Group, Owens Illinois and Saint Gobain.

Our Customers achieved great advantages in terms of dust build up and lubrication reduction, minimizing the cost of lubricants and waste water treatment.

Drinktec, September 2009, Munich



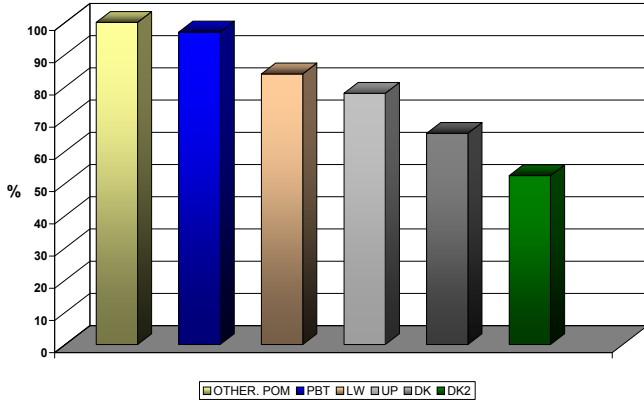
TEN YEARS AFTER THE FIRST INNOVATION, REGINA AND DUPONT™ ANNOUNCE A FURTHER EVOLUTION, INTRODUCING TO THE MARKET **THE MATERIAL OF NEXT GENERATION: DK²**. MAINTAINING THE PERFORMANCE OF THE ORIGINAL DK, **DK²** HAS BEEN DESIGNED TO **IMPROVE THE PERFORMANCE IN PET BOTTLING LINES.**

THE RESULTS OBTAINED HAVE SHOWN GENERAL PERFORMANCE INCREASE AND COST SAVINGS FOR ALL CONVEYOR APPLICATIONS AND CONTAINERS.

THE EXCELLENT RESULTS ACHIEVED STRENGTHEN THE COLLABORATION BETWEEN THE TWO COMPANIES. ALWAYS LOOKING FOR SOLUTIONS AT THE CUTTING EDGE OF TECHNOLOGY AND QUALITY, REGINA AND DUPONT™ ARE LAUNCHING A **"GREEN CONVEYOR" SOLUTION**, ALLOWING "LUBRICANT FREE" CONDITIONS IN MOST APPLICATIONS.

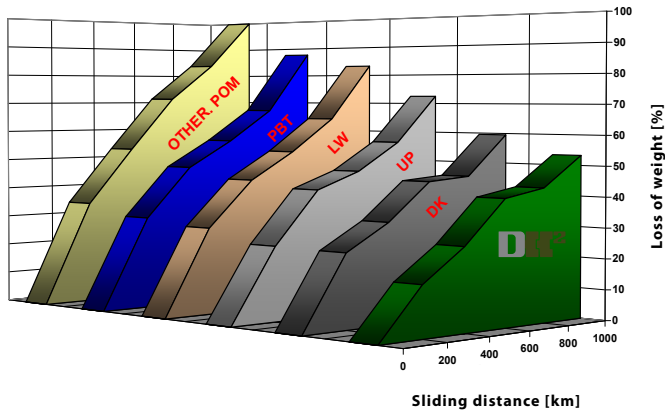
DK² OFFERS THE FOLLOWING TECHNICAL AND PERFORMANCE IMPROVEMENTS:

**COEFFICIENT OF FRICTION COMPARISON
- DRY RUNNING - PET BOTTLES**



- The lowest coefficient of friction in bottling applications.
- The lowest back-line pressure on conveyed containers.
- Reduced stick slip effect on long centre to centre conveyors.
- Drastic reduction or elimination of lubrication.

**WEAR COMPARISON
- DRY RUNNING - GLASS BOTTLES**



- Chain wear reduction.
- Chain elongation reduction.
- Greater design freedom versus steel.

THE SUPERIOR TECHNICAL PROPERTIES OF DK² EASILY TRANSLATE INTO GREAT ECONOMICAL ADVANTAGES FOR THE END USERS:

- LONGER LIFE
- LOWER MAINTENANCE COST
- HIGHER PRODUCTIVITY
- LOWER ENVIRONMENTAL COST
- REDUCTION OR ELIMINATION OF CHEMICAL LUBRICANTS
- WATER CONSUMPTION SAVINGS
- LOWER WASTE WATER TREATMENT COST
- LOWER ENERGY CONSUMPTION
- IMPROVED HEALTH AND SAFETY CONDITIONS
(LESS WASH DOWN, NO SOAP HAZARDS, ETC..)

ITALY

REGINA CATENE CALIBRATE S.p.A.

HEAD OFFICE:

Via Monza, 90
23870 Cernusco Lombardone (LC) - Italy
Tel. +39 039 99801
Fax +39 039 9905229
sales@regina.it

MEXICO

REGINA de MEXICO S.A. de C.V.

Av. Aviación 5051-28
Col. San Juan de Ocotan
45019 Zapopan, Jalisco - Mexico
Tel. +52 33 3627 4043
Fax +52 33 3627 3930
servicioclientes@reginamexico.com

ARGENTINA

REGINA INTERNATIONAL S.A.

Diagonal 190,
1788-1655 José Leon Suarez
Prov. Buenos Aires - Argentina
Tel. +54 11 47296667
Fax +54 11 47203210
regina@reginaargentina.com.ar

USA

REGINA USA, INC.

305 E. Mahn Court
53154 Oak Creek - WI - USA
Tel. 001 414 5710032
Fax. 001 414 5710225
regusa@reginausa.com

CHINA

REGINA TIANJIN CHAIN & BELT CO., LTD.

Xi Qing Economic Development Area,
Xiang Rui road n. 17,
Tian Xiang Industrial Zone
300385 Tian Jin - China
Tel +86-22-83961223
Fax +86-22-8396 1202
regina@reginachina.cn

SPAIN

CADENAS REGINA ESPAÑA, S.L.

Calle Industria, 37
08120 La Llagosta - Barcelona - España
Tel. +34 93 5742838
Fax +34 93 5740735
regina@reginapitko.es

FRANCE

REGINA INDUSTRIE S.a.r.l.

Z.A.C. des Chatelliers
34 Rue des Frères Lumière
45800 Saint Jean De Braye - France
Tel. +33 238 836363
Fax +33 238 836413
reginaindustrie@reginafrance.fr

UNITED KINGDOM

REGINA INTERNATIONAL LIMITED

Unit 1, Dyneley Road,
Greenbank Business Park
Whitebirk, Blackburn,
Lancs BB1 3AB - United Kingdom
Tel. +44 1254 661116
Fax +44 1254 59456
sales@reginauk.co.uk

REGINA CONVEYOR IS A REGISTERED TRADEMARK OF:



PERFORMANCE IN MOTION

www.regina.it