

**Quote request**

To request a quote for a **KST CPL Holland** solution configured to your needs, please contact us:
info@kstholland.com

About KST CPL Holland

A new way of working. KST Concrete Protective Linings, formerly Stork KST is a Dutch company formed in 1943 to supply and service corrosion protection and plastics technology for concrete products worldwide.

KST's Clients:

Manufacturers of Concrete products that need protection: Are you a producer of **Concrete Pipes, Manholes, Tanks, Tunnels, Sewage Storage basins, Culverts, Grease traps or other concrete structures and products,**

KST Concrete Protective Linings delivers promptly, where-ever you are located. References in your region are available at request.

KST CPL Holland bv

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KST Concrete Protective Linings

With the growing demand for reliable and hygienic drinking and sewage water infrastructures, policy makers- such as Governments, Municipalities, United Nations, World health Associations, Worldbank, etc.- increasingly decide to opt for the application of concrete pipes with protected linings inside, because of the sustainability and lifespan of such pipes (> 100 years.) KST CPL Holland has over 35 years experience with linings. Our clients are Concrete Pipe Manufacturers, who apply Protective Lining as requested by their clients and as prescribed by the involved Consultants in the building-plan.

KST CPL Holland has been delivering HDPE and PVC Linings all over the world since 1976, in almost any quantity and with the option of different qualities. Visit our website for more details:
www.kstholland.com

WHY KST T-GRIP™ Protective Linings ?

The problem: Corrosion of concrete: Concrete is attacked by acids and alkalis. Hydrogen sulphide attack in sewer pipes and structures is a major problem. The presence of sulphates and chlorides in soils creates aggressive saline conditions that pose a threat to concrete foundations for all sorts of building works. Paint or coatings do not adhere very well to concrete - neither do glues or adhesives

The solution: Protection of concrete using KST T-GRIP™ Linings. KST T-GRIP™ Plastic sheet is a T-Ribbed membrane which is flat on one side, whilst the reverse side is provided with parallel T-Shaped ribs. These ribs are cast into concrete at the new construction stage, thus isolating the concrete from the harmful effects of corrosive chemicals.

KST T-GRIP™ sheets are available in three grades:

LLDPE	KST T-GRIP™ LLDPE Linings
HDPE	KST T-GRIP™ HDPE Linings
PVC	KST T-GRIP™ PVC Linings

KST CPL. Holland offers 2 ribbed profile variants in T-GRIP PROFILE and V-LOCK PROFILE for various types of lining processes.

Complete KST service package This starts in the engineering stage, when we supply tailor made T-Grip lining including weldstrips, tools for welding and testing, supervision at site or factory to train the local engineers.

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CONCRETE PROTECTIVE LININGS B.V. V/H STORK-KST

SINCE 1943



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We guarantee 'just in time shipping of your orders to the destination, you request.

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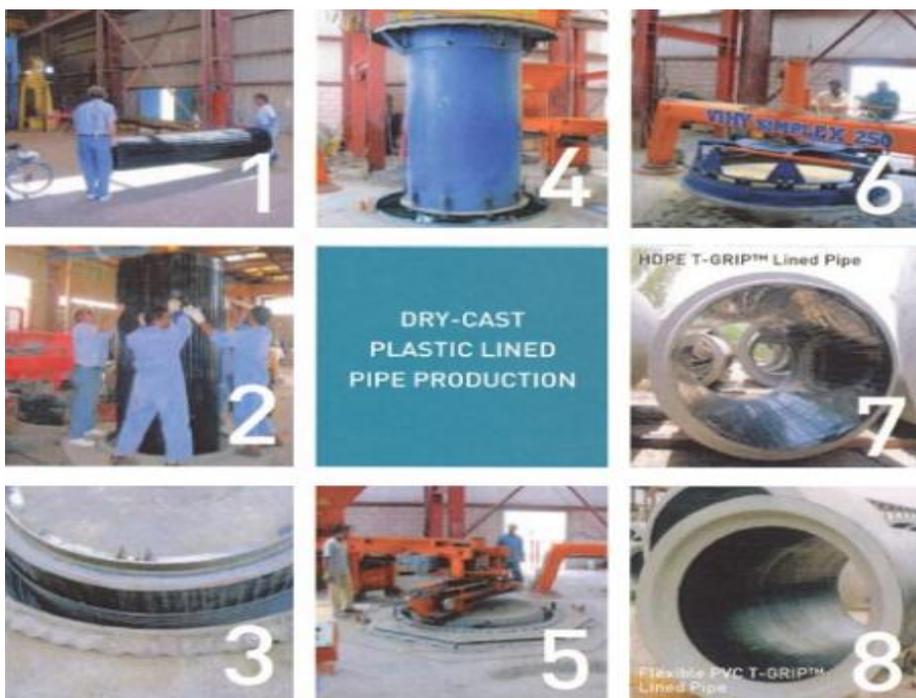
KST T-GRIP™ Linings

The evolution of the KST T-GRIP™ Linings represent a major breakthrough in physical properties with elongation at breaking point, which is: > 200% for flexible PVC T- Grip and > 600% for polyethylene T-Grip Lining. PE will therefore not crack when placed under stress, like coatings and they will endure for over 100 years in the toughest of conditions.

Construction Methods: KST T-GRIP™ sheets are placed in concrete pipe or structural forms and attached by mechanical means to ensure that they will maintain a fixed position during the pouring of concrete. With the T-Rib or 'wet side' always contacting the concrete or mortar or grout, care should be taken in the concrete delivery and consequent vibration of the same, in order to ensure that the concrete has fully flowed around the projecting T-Ribs, prior to setting. Our detailed specifications and Method Statements (that will be send on request) describe the type of tools and fixings that are best used in the construction of KST T-GRIP™ lined structures and pipes etc.

KST CPL Consulting

When requested, KST delivers -on site- advise and training with the processing and installation of the lining. In case our clients consider to invest in Lining Production, KST is able to assist from Step 1 –what do we need, what will it cost, what is the ROI ? to the final phase: Production of HDPE-Linings and the Marketing of your Protected Concrete Pipes.



DRY-CAST
PLASTIC LINED
PIPE PRODUCTION

HDPE T-GRIP™ Lined Pipe

Flexible PVC T-GRIP™ Lined Pipe