



## **DOUBLE CONTAINMENT SYSTEM**

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**HDPE pipe system for protection of liquid leakage**





CONDUCTING OUR  
CLIENTS NEEDS



TKP Inc. is the international commercial Technical and Marketing division of Fluidos Industriales Mexicanos – FIMEX.

FIMEX - TKP is an ISO 9001-2015 QMS certified manufacture with corporate offices and manufacturing facility in Monterrey, Mexico. FIMEX has been in the Plastics and Geomembrane industries for over 25 years serving the Mexican and US markets.

Our Polyethylene Pipe facility is equipped with some of the most modern and up to date extrusion lines in North America with multi-layer and striping capabilities to meet various industry's needs. Our fabricated fittings facility utilizes some of the world's highest precision fabrication equipment for miter and saddle fusion to supply standard fittings and custom fusion of manifolds.

TKP's Engineering and Technical staff has over 100 years of experience in the thermal plastics industries serving North America.

TKP is committed to continued development of new products to solve industry needs such at the new TKP-TR temperature resistant pipe for various applications and the TKP-AR abrasion resistant pipe to help in those difficult applications to extent the life of the pipe and reduce cost of shut downs.



COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV GL  
ISO 9001

# QUALITY CERTIFICATIONS & LABORATORY

TKP Inc. commitment is to approach our clients to know your needs and satisfy them with products that comply with the requirements of functionality and quality, seeking to improve continually our performance, achieving the growth of our organization.

We offer our PE-4710 pipe, included in the **TR4 of the PPI (Plastic Pipe Institute)**, supported by our excellent allies and suppliers of the best resins available on the market. TKP piping and fittings meet applicable standards for operation in the United States.

Our Quality system complies with the **ISO-9001: 2015** standard.

The pipe is manufactured according to the general use standards for different applications:

We are using a resin that complies with **ASTM D3350**.

We manufacture pipe under these standards:

- **ASTM F714**
- **ASTM D 3035**
- **ASTM F 2619**
- **AWWA C 906**
- **NSF 14/61**



In addition, our manufacturing plant in Monterrey Mexico, has a laboratory equipped to verify the qualities of our products:

- **Density**
- **Flow index**
- **Tensile strength**
- **Content of Carbon Black**
- **Hydrostatic pressure resistance**



# DOUBLE CONTAINING PIPE SYSTEM



## SCOPE

Double containment piping is critical where there may be a risk for the environment. This double containment pipe is a reliable and safe techniques to protect against leakage of dangerous liquids from the inner central pipes.

The double containment system is composed of two pipes, one of smaller diameter within another of larger diameter, the inner pipe transports the fluid, the outer pipe provides additional security if a leakage of the inner pipe occurs. For leak detection, there are various methods available.

We have a wide range of diameters. For different double containment pipe requirements, contact one of our sales representatives.



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## ADVANTAGE

- People's safety and environmental protection.
- Emission reduction and energy conservation.
- Prevention of pollution of groundwater.
- Chemical waste.

We have a full range of fittings. For more information on our line of accessories TKP-FIT, contact one of our sales representatives.





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Contact us,  
we will be ready to help you

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### Offices

9801 Westheimer Rd. Suite 302  
Houston, Texas  
77042, USA

**+1 (713) 917 6800**

### Headquarter Plant

Av. Tecnológico #483  
Monterrey Technology Park  
Ciénega de Flores, N.L.  
C.P. 65550, México

**+52 (81) 8384 7310**

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info@tkp.mx



**WWW.TKP.MX**

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 / Tkp inc. - Teknipipe & Supplies

 @fimex.tkp