Leading Brand in China Pipeline Anti-corrosion

Pipeline Anticorrosion and Protection Material

CYG CHANGTONG NEW MATERIAL CO., LTD
CYG Changtong New Material Co., Ltd. (CYG Changtong for short) is a subordinate enterprise of CYG Group, which is the biggest base producing heat-shrinkable material in China (Stock Code:600525). CYG Changtong has been assessed and registered as meeting the requirements of ISO 9001, ISO14001 and OHSAS 18001.

CYG Changtong`s products are widely used in the field of Oil, Chemical Industry, Gas, Electric Power and City Planning Project, etc. CYG Changtong is a major supplier of Anti-corrosion materials for CNPC and Sinopec. Its heat shrinkable sleeve and anti-corrosion tape are certificated by China Classification Society (CCS), and the 80℃ HSS approval by DVGW.

★ Pipeline Anti-Corrosion Products

Let`s make it safer

Leading Manufacturer

★ Pipeline Coating Application

First Class Service

★ Pipeline Coating Rehabilitation

One-Stop Service
CYG 长园  Leading Brand In China Pipeline Anti corrosion

DVGW Certificate  CCS Product Approved  Council Member of CSPC

Everything comes out of quality.
Anti-Corrosion and Protection

• Heat Shrinkable Sleeve and Tube
• Viscous-Elastic Tape and Paste
• Epoxy FRP Sleeve for HHD
• Underground Warning Tape
• Cathodic Protection Materials
• Shrinkable Pressure Sensitive Tape
• PE/PP Anticorrosion Adhesive Tape

Anti-Corrosion Coatings

• Pipeline field joint coatings
• Storage tank coatings
• Pipeline internal flow coatings

And

• One-Stop Service for Rehabilitation of In-Service Pipeline including Survey, Repair or Rehabilitation of Pipeline Coatings
FRDP Heat Shrinkable Wraparound Sleeve
FRDP wraparound heat shrinkable sleeve (HSS) with a separate closure patch is mainly used for field joint coating of underground 3LPE coated steel pipelines and thermal insulated pipelines. FRDP wraparound HSS bonds the steel substrate, FBE primer and plant-applied polyethylene coatings excellently to form a continuous and durable corrosion protection system on the pipeline.

FRY Heat Shrinkable Tubular sleeve
FRY heat-shrinkable tubular sleeve is intended to protect buried pipeline weld joint from corrosion and it is suitable to varied pipeline sizes up to DN1000(40”). Also it is applicable to protect the flanged joint and insulated flanges. FRY tubular HSS is compatible with all standard pipeline coatings and outer jackets.

FRDK Heat Shrinkable sleeve for directional drilling
PRDK is a high performance fiberglass reinforced sleeve specifically designed for girth weld corrosion protection on pipes used in directional drilling applications. FRDK system provides effective protection against abrasion and wear forces that occur during the pull-through operation. The system is fully compatible with cathodic protection systems, resists cathodic disbondment and is designed for a wide range of operating temperatures.
FRDS Heat Shrinkable Wraparound Tapes

FRDS heat shrinkable tapes consists of radiation cross linked polyethylene backing which is coated with adhesive. It bonds to steel substrate, FBE and plant-applied PE firmly.
FRDS tapes is easy in use as its great flexibility and especially suitable for protection and repair of oil, gas and water pipelines, fittings, elbows, bends and other irregular articles.

FRDX Repair Patch and Hot Melt Adhesive Stick

FRDX repair patches and hot melt adhesive sticks are hot-applied repair materials for damaged mainline coating or field joint coating.
FRDX is a cost effective repair system for any damaged PE coatings during transportation, storage and installation of coated pipes.

FRWT Waterproof End Cap

FRWT waterproof end cap is mounted on the insulated pipe end to protect thermal insulation from water permeation.
It is easy to mount FRWT waterproof cap on the insulated pipe end and it will shrink quickly to form a sound waterproof sealing at the insulated pipe end. It has excellent water repellency, chemical resistance and a desired service life as long as the pipelines.
Heat Shrinkable Pressure-sensitive Adhesive Tape
PRI-SZCY enjoys a lot of advantages such as firmly bonded interface, high mechanical stability, good resistance to water vapor and oxygen permeation, easy to repair, less energy consumption and fast assembly-line. PRI-SZCY is applicable to repair both newly built and in-service pipelines.

CTN Viscous-Elastic Anticorrosion Tape
CTN viscous-elastic anticorrosion tape consists of new-type high-performance viscous-elastic polyolefin materials. It combines the characteristics of both solid and liquid adhesive materials into one. Its viscous-elastic property will last more than 30 years under normal conditions.

PE/PP Anticorrosion Adhesive Tape
PE/PP anticorrosion tape consists of PE or PP backing and butyl rubber adhesive. Together with special primer, it provides outstanding adhesion, ageing resistance and UV resistance, and perfect compatibility with various plant-applied coatings. It is intended for field joint coating and rehabilitation of oil, gas and water pipelines, storage tanks and irregular shape articles like flange, tee, bend and elbow.

Underground Warning Tape
The underground warning tapes are made of PE for protection of underground gas pipeline, water mains, cable conduit or other underground goods. The tape is
easy in use and environmentally friendly without rust or poison.

**Epoxy GRP Coatings for HDD**

Epoxy fiberglass reinforced plastic (FRP) is applied on single pipe. It is used for field joint coating, especially for reinforced external protection of pipes in horizontal directional drilling.

**Cathodic Protection Materials**

CYG has developed a number of special purpose materials for CP system such as sacrificial magnesium anode and zinc anode as well as the innovative conductive polymer flexible anode and MMO (mixed metal oxide) flexible anode

**Anti-corrosion Coatings**

Three categories of CYG anti-corrosion coatings are available: the pipeline field joint coatings, the storage tank coatings and the pipeline internal flow coatings.

For the field joint coatings, CYG offers the solvent-free liquid epoxy coatings, solvent-free polyurethane coatings and polyurea coatings. For the storage tank coatings, CYG offers the temperature-controlled coating system, anti-static charge coating system and heat
isolation reflection coating system. CYG flow coatings are mainly used to reduce the internal wall friction, increase the gas flow capacity and prevent gas pipeline from internal corrosion.