



DUWRAP

SELF-ADHESIVE DAMP PROOF COURSE



DESCRIPTION

DUWRAP is a general purpose self-adhesive pipe wrapping tape designed for corrosion protection of pipelines and various metal surfaces in small and large industries.

DUWRAP is a specially made durable, high performance, damp proof membrane designed using polymer modified bitumen with fiber base laminated with special rot proof fabric and covered with polyolefin foil or aluminum.

OUTSTANDING FEATURES

- Excellent anti corrosion property
- General-purpose pipe wrapping tape
- Excellent adhesion to metal surfaces
- Ideal for hot climate and tropical conditions
- Resistance to high temperatures
- Excellent resistance to chemical attack
- High mechanical strength
- Rot proof and self-sealing
- High resistance to UV rays and weathering
- Easy application

SPECIFICATION COMPLIANCE

DUWRAP membranes exceed the requirements of ASTM, UAETc and other relevant international standards.

MAIN USES

DUWRAP is designed to:

- Protect pipes from corrosion in exposed or underground piping installation.
- It is used for protection of pipes exposed to high ambient temperature and highly corrosive environment as well as areas where soil stress and heavy backfill is employed.
- It is a general-purpose anti-corrosive pipe wrapping tape used in industrial and chemical pipelines such as oil, gas, water and wastewater pipelines.
- **DUWRAP** is used to protect pipe joints, tanks conduit, tie rods, couplings, flanges and other metal surfaces as well as for repair and maintenance of existing pipelines.

QUALITY ASSURANCE AND WARRANTY

Duproof is an ISO 9001 Quality Assured Company and DUWRAP membranes carry a material warranty against any manufacturing defects.



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METHOD OF APPLICATION

1. All pipe surfaces to be wrapped must be perfectly smooth, clean and remove any moisture, dust, dirt, rust or other loose materials.
2. Remove oil and grease with a suitable standard petroleum solvent.
3. **DUWRAP** is applied by peeling back the siliconized release foil from the tape.
4. Place the adhesive side of the tape onto the surface of the pipe and start wrapping.
5. Remove the release foil as the wrapping progresses. Make sure to apply enough tension on the tape to achieve a complete thorough firm adhesion, conformability and to remove entrapped air.

DUWRAP is recommended to apply at temperatures above 5°C. During cold conditions, place tape between 20°C and 30°C at least 1 hour before application. **DUWRAP** can be hand or machine applied. It can also be applied in pre-cut strips with length equal to the pipe circumference plus overlap. Contact the technical department of your local distributor for advice.

STORAGE

DUWRAP rolls must be kept upright on pallets under shade. **DUWRAP** pallets should not be stacked over each other.

HEALTH AND SAFETY

There are no direct health hazards associated with **DUWRAP** membranes. Normal precautions for hot and volatile substances should be observed during application. Refer to our MSDS sheets for advice.

GENERAL DATA

Thickness	(mm)	1.5	1.8	2.0
Roll length	(m)	15		
Tape width (Available)	(cm)	10, 15, 20, 25, 30, 50		
Coating		SBS-modified self-adhesive bitumen		
Type of carrier		Rot Proof Fabric		
Top		Special Co extruded HDPE film / Aluminum Sheet		
Bottom		Siliconized removable foil / paper		

TECHNICAL DATA

PROPERTY	UNIT	TEST METHOD	VALUE
MECHANICAL PROPERTIES			
Elongation (Compound)	%	ASTM D 638	2000
Adhesion to Self	N / mm	ASTM D 1000	> 2.5
Adhesion to primed concrete	N / mm	ASTM D 1000	> 2.0
Tensile Strength (L/T)	[N/5 cm]	UEAtc	400/300
Tear Resistance (L/T)	N	ASTM D-4073	200/150
Water Absorption after 24 hrs.	[%]	ASTM D 570	< 0.15

In accordance with the standard up to 20% variation is expected