

# Corro-Wrap™ MC / LP

Moisture Cured/ Low Pressure up to 20 Bar and Below

**CORRO WRAP™ MC / LP** is a moisture cured urethane impregnated fiber glass (glass fiber) tape repair and maintenance system that will set even under water. The fiberglass cloth has been impregnated with a water activated urethane resin prior to packaging. Normal setting time is 30 minutes but may vary depending on temperature. Fresh or salt water is the activator.



**No mixing! • No measuring! • No waiting! • No clean-up!**

## INFILL/ INTERFACE AGENTS

### **CORRO-DUR™ 450**

**CORRO-DUR™ 450** is a solvent-free epoxy resin reinforced with a metal filler. It has excellent chemical resistance against a wide range of chemicals and excellent bonding to metal including stainless steel, carbon steel, aluminium, brass copper and other rigid surfaces.

### **CORRO-DUR 563**

A high-performance solvent-free formulation incorporated with Kevlar™ fibres as reinforcement. **CORRO DUR 563** provides outstanding mechanical & chemical resistance while can be applied over a wide range of substrates above & below water.

### **CORRO-DUR™ 2000**

**CORRO DUR™ 2000** provides outstanding mechanical & chemical resistance while can be applied at high temperature over a wide range of substrates above & below water. It can withstand temperature of 121°C continuous and 204°C for intermittent exposure.

### **CORRO-CHEM™ 330 HHA HB**

**CORRO-CHEM™ 330 HHA HB** is high-build epoxy designed for applications where resistance to aggressive chemical exposure is of paramount importance. The sophisticated formula has excellent resistance to acids, acid fumes and a wide variety of solvents. It can withstand temperature of 125°C continuous and 149°C for intermittent exposure.

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## **Corroserv (M) Sdn Bhd**

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## **FEATURES & USES**

- *Applicable in salt or fresh water.*
- *It is **non-toxic, non-combustible & odourless***
- *Repairs cracked, broken or leaking pipe of petroleum, oil, gasoline and organic solvent. **(Up to a maximum operating pressure of 20 Bar)***
- *Can be applied to acid and alkali environment.*
- *Can be used on all types of metal, plastics, wood, rubber, PVC and glass. Reduces shutdown of industrial equipment.*
- *Can be used as protective shield to reinforce & rehabilitate piping.*
- *Prevents metal to metal contact to avoid dissimilar metal corrosion (contact point) thus ideal for isolating piping from pipe supports.*

SPECIFICATIONS OF CORRO WRAP MC LP		
Material	E-Glass (Multiaxial Tape)	
Tensile Strength	25, 200 psi	
Compressive Strength	26, 900 psi	
Flexural Strength	16, 400 psi	
Ply Thickness	0.011 inches (11 mils or 0.28 mm)	
Working Time	60 minutes package open time, dependent on ambient humidity	
Cure Time	30 minutes nominal after water application	
Tg	142°C (288°F)	
Shelf Life	One year if stored between 40° - 80°F and aluminum pack is not punctured. Do not use if product is hardened. Rotate stock for best results.	
Available Sizes	2" x 5'	5.0 cm x 1.5 m
	3" x 9'	7.5 cm x 2.7 m
	4" x 15'	10.0 cm x 4.5 m
*Complete training and certification services in accordance with all existing D.O.T. requirements are offered.		

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***“Ideally Used for Rehabilitation and Leak Sealing of Low-Pressure Piping Up to Class 2 (20 Bar max)”***

*\*Note: Corro-Wrap™ MC / LP system is designed based on Barlow's equation.*

### **CHEMICAL RESISTANCE CHART**

TEST PERIODS 2 MONTHS	°C	°F	SURFACE CHANGES	TYPE OF SURFACE CHANGE
Distilled water	23	73	none	none
Sulphuric acid, 10%	23	73	none	none
Sulphuric acid, 50%	23	73	none	none
Hydrochloric acid 10%	23	73	30 days	blistering
Hydrochloric acid 50%	23	73	30 days	blistering
Nitric acid 50%	23	73	30 days	blistering
Acetic acid 10%	23	73	30 days	destruction
Formic acid 10%	23	73	none	none
Soda solution, saturated	48	118	none	none
Sodium hydroxide solution 20%	23	73	none	none
Sodium hydroxide solution 20%	50	122	none	none
Ammonia 10%	23	73	30 days	blistering
Hydrogen peroxide 10%	23	73	30 days	blistering
Fuel oil+10% water	50	122	none	none
White spirit	23	73	none	none
Toluene	23	73	none	none
Xylene	23	73	none	none
Methyl isobutyl ketone	23	73	60 days	softening
Methanol	23	73	2 days	softening
Gasoline	23	73	none	none

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