

ROCKMAX[®] PVC

PVC WATERSTOP



INTRODUCTION

Rockmax PVC is polyvinyl chloride waterstop produce from high grade polyvinyl chloride, special resin, chemical additive and It designed to stop passage of water thru expansion, movement or construction joints. **Rockmax PVC** made in accordance with the Corps of Engineers Specification: CRD-C572 and ASTM D412, ASTM D2240, ASTM D792, ASTM D624, ASTM D746, ASTM D1149, ASTM D570.

AREA OF USES

- Expansion joints.
- Construction joints.
- Water tank, waste water tank.
- Tunnels.
- Basements & elevator pits.
- Diaphragm and Retaining walls.
- Dam, Reservoir.
- Sewage and culvert.

ADVANTAGES

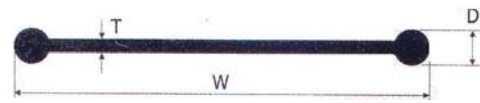
- Withstand hydrostatic pressure.
- Can use in portable water tanks.
- Highly resistance to acids and alkaline.
- Can use in movement joints.
- Good flexibility.
- Eyelet made firm installation.
- Vary in size and thickness.
- Tailor made as requirement.

TECHNICAL PROPERTIES

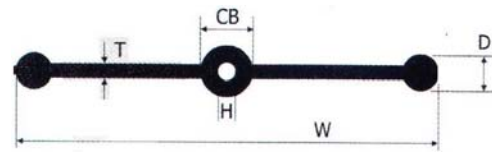
Color: black
Material: polyvinyl chloride
Specific Gravity: 1.30 - 1.40
Hardness Shore A: 75±5
Tensile Strength: >145 kg/cm²
Elongation at break: >325%
Stiffness in Flexure: >45 kg/cm²
Tear Resistance: 60 kg/cm
Compression set: <70%
(70°C at 22 hours)
Effect of alkali:
 Weight change: +0.15%/-0.10%
 Hardness change: ±5 points
Water Absorption: <0.5



TYPICAL PROFILE



Model	W	T	D
D-6	150	5	12
D-8	200	5	12
D-10	250	5	15



Model	W	T	D	CB	H
CD-6	150	5	12	18	8
CD-8	200	5	12	20	10
CD-10	250	5	15	24	14

APPLICATION

Place **Rockmax PVC** on the center of joints. Fix it with steel wire to hold waterbar in place. Spacing 200mm distance between clip to firmly installed. The upper part of waterbar must be careful from fold down. Place concrete near waterbar with carefully to avoid damage and movement.

CLEANING

Clean all tools and equipments immediately with water.

LIMITATIONS

- All connection joints must be plan and prepare before installation.
- Place concrete carefully.
- Vibration must be care.
- Be aware of welding machine.

PACKAGING

25meter per roll.

STORAGE

Storage in shade and dry condition free from frost, water, moisture and high temperature.

SHELF LIFE

24 months if kept follow instructions.

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PRECAUTIONS

Rockmax PVC is not hazardous during normal condition use. It is recommended to take the safety standard and precaution for application and storage.

CONTACT DETAIL

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IMPORTANT NOTE!!

The technical information contained herein, while not guaranty, was prepared and approved by technical personnel and is true, accurate to the best of our knowledge. No warranty or guaranty is made regarding performance, stability or other factors beyond our control. Rockmax will welcome to be consultation of our performance and application. This technical datasheet supersedes and issue new edition without prior notice.

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