

TECHNICAL DATA SHEET CHAPTER

BUTYL RUBBER MASTIC

FOR EN 12068 CLASS C50 TAPE SYSTEMS

HAND-MOULDBLE • FILLS PINHOLES & IMPERFECTIONS



High
Malleability



Hand
Moulded



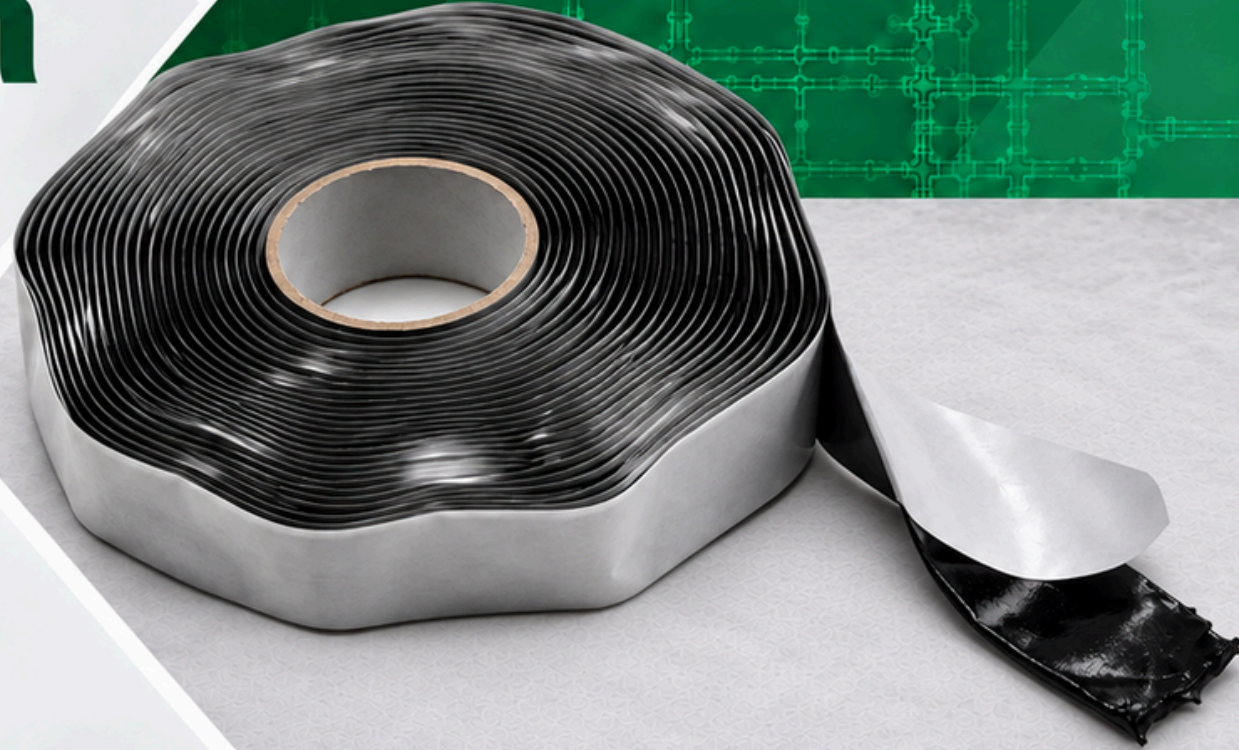
Gap
Filling



Bar & Roll
Formats



C50 Tape
Systems



TECHNICAL DATA SHEET

BUTYL RUBBER MASTIC

FOR EN12068 CLASS C50 TAPE SYSTEMS



YTM MAKINA Butyl Rubber Mastic is used for the corrosion protection of buried and submerged pipes, pipe installations (fittings, bends, tees, flanges, valves, etc.) and other metallic structures with operating temperatures up to 70 °C. Composed of butyl rubber, a blend of synthetic resins and plasticisers, it is highly malleable and moulded by hand to fill pinholes and imperfections before tape wrapping. Meets EN 12068 Class C50 requirements when used with the YTM EN 12068 C50 tape system.



KEY FEATURES

- ✓ High malleability - moulded by hand
- ✓ Fills pinholes and imperfections
- ✓ Repairs coating defects
- ✓ Fills gaps at socket connections
- ✓ Available as bar or roll

COMPATIBILITY

COMPATIBLE WITH COATINGS

PE PP PU FBE CTE

COMPATIBLE WITH PIPES & SUBSTRATES

Steel Ductile Iron Stainless Steel
Other metals Concrete



MOULDED BEFORE TAPE WRAPPING

TECHNICAL CHARACTERISTICS

Technical Characteristic	Unit	Value
Colour	—	Black
Composition	—	Butyl rubber, synthetic resins, plasticisers
Operating Temperature	°C	-34 to +70
Saponification Index	mg/g	2

i Meets EN 12068 Class C50 requirements when used with the YTM EN 12068 C50 tape system.

METHOD OF APPLICATION

1 CLEAN



Wire-brush off rust, dirt and weld spatter; remove oil, grease or test gel with a solvent such as white spirit.

2 PRIME



Apply YTM Primer and allow it to become dry and tacky.

3 MOULD



Apply the mastic with a trowel and mould by hand to a compact, uniform shape covering pinholes and imperfections.

4 WRAP



Apply the YTM PE/butyl corrosion protection tape system.

SUPPLY

Format	Unit Size	Units / Box
Bar	1 kg	5
Roll	3 mm × 60 mm × 18 m	4

COVERAGE · 3 × 60 MM × 18 M ROLL

Pipe Size	Circumference (m)	Bands / Roll
DN 100	0,36	50
DN 200	0,69	26
DN 300	1,02	17
DN 400	1,28	14
DN 600	1,92	9

STORAGE & SAFETY

- ✓ Store bar and rolls in their original boxes in a dry, covered area, away from direct sunlight and heat.
- ✓ Wear protective gloves; avoid prolonged skin contact and wash hands after use.
- ✓ Cleaning solvents (e.g. white spirit) are flammable - keep away from open flames.
- ✓ Read the Safety Data Sheet before use; dispose of waste per local regulations.

i Contact YTM MAKINA for project-specific requirements.