



## **BUTYLEN Tape Systems**

Installation must be done according to local regulations and usual safety precautions. Follow safety instructions given on BUTYLEN-Primer.

## Application temperature

Pipe surface	min. +3°C (+5.4°F) above dew point
	up to +85°C (+185°F)
Ambient	$-40^{\circ}$ up to $+60^{\circ}$ C ( $-40^{\circ}$ up to $+140^{\circ}$ F)
BUTYLEN-HT Primer	-10° up to +40°C (+14° up to +104°F)
BUTYLEN-MT25 Prime	er-10° up to +50°C (+14° up to +122°F)
BUTYLEN Tape	-10° up to +50°C (+14° up to +122°F)

In order to avoid wrinkling due to thermal elongation of the PE carrier film, the temperature difference between pipe surface (before and after tape application) and tape roll should be max. +30 °C (+54 °F).

Under prolonged exposure to sunlight, the finished wrapping should be covered with a suitable material (e.g. **DEPROTEC®-DRM PP** Rockshield).

Alternatively a white outerwrap with UV stabilizer such as  ${\bf BUTYLEN-R20}\ {\rm HT}$  should preferably be used in case of two tape systems.

Steel surface condition Cleanliness (ISO 8501-1) Roughness (ISO 8503-1)

min. ST2 20 - 100 µm



- No wrinkles are allowed in the finished wrapping on visual testing.
- The wrapping has to be tested for freedom from pores with high voltage holiday detector. Test voltage: 5 kV + 5 kV per mm of coating thickness, max. 25 kV.
- It is highly recommended to use **DEKOMAT**<sup>®</sup> wrapping devices for application of tapes wider than or equal to 50 mm.
  In order to ensure that tapes are applied with sufficient wrapping tension, the tape width should be limited to max. 150 mm.
- The above application instruction can also be transferred to the wrapping of full pipe length or pipe bends.