

Calculation requirements for ERGELIT-Band

Number of rolls of ERGELIT Tape for use with butt welds, welded sockets and push-in joints

Pipe Ø mm	Butt weld - rolls required -		Welded sockets: - rolls required -		Push-in joints: - rolls required -	
	03/3m		03/3m		03/3m	
	12 cm	18 cm	12 cm	18 cm	12 cm	18 cm
DN 100	2		1		2	
DN 125	2		-		2	
DN 150	2		2		2	
DN 200	3	2	2		3	
DN 250	3	2	3		3	
DN 300	4	3	3	2	4	2
DN 400	5	3	4	3	-	3
DN 500		5				

Pipe Ø mm	Rolls required - 18 cm wide
DN 600	3 rolls 18 cm x 6 m
DN 700	4 rolls 18 cm x 6 m
DN 800	4 rolls 18 cm x 6 m
DN 900	5 rolls 18 cm x 6 m
DN 1000	5 rolls 18 cm x 6 m
DN 1100	6 rolls 18 cm x 6 m
DN 1200	6 rolls 18 cm x 6 m
DN 1300	5 rolls 18 cm x 8 m
DN 1400	6 rolls 18 cm x 8 m
DN 1600	5 rolls 18 cm x 10 m
DN 1800	6 rolls 18 cm x 10 m
DN 2000	5 rolls 18 cm x 12 m

From DN 200 upwards, it is possible to use 18 cm wide tape. In the case of trenchless pipe-laying, **ERGELIT dry mortar Kombina 10 s special** should also be used (see instructions)

ERGELIT Tape 03 Table showing application for cast iron pipes with cement-mortar coating without TKF or TIS

Ø DN	Ø - mm -	Total Ø (inc. insulation) - mm-	Umfang - m -	N° ERGELIT tapes 12 cm wide 2 layers
DN 100	118	132	0,42	0,85
DN 150	170	184	0,58	1,20
DN 200	222	236	0,74	1,50
DN 250	274	288	0,90	1,80
DN 300	326	340	1,07	2,20
DN 400	429	443	1,39	2,80

Method:

For smaller pipes, the rolls of tape should be cut to length as specified in the above table. The tape can easily be cut with scissors when dry. The cut length of ERGELIT tape is then rolled up again and dipped in water until no more bubbles appear (about 30 secs 2 mins). Then knead the tape as you roll it around the pipe. Any remnants that have not been wetted can be used later. Damaged areas in the mortar coating around the pipe can easily be remedied by using ERGELIT tape like a sticking plaster.

The area can return to service again after 1-3 hours.

Packaging:

1 roll is 12cm wide, 3 metres long
15 rolls per paper sack lined with polythene film.

2 layers are required for a 6mm thick coating.

Engineering products and processes for the construction and renovation of drains, sewers, pipes, tanks, roads, industrial floors & anchors

