



Mikolit® is a sealing pellet which requires no mixing or pumping. It is a patented clay-based pellet with very low dust content.

Mikolit 300 is a medium grade bentonite pellet suitable for most applications. It has a swelling capacity of 50-70%

All Mikolit pellets have excellent sinking qualities and are dust free and easy to use.

## Applications

- Borehole sealing
- Isolating instrumentation and sampling zones

## Features

- Pre-formed pellets
- 50-70% swelling capacity
- Delayed swelling
- No grout loss
- No grouting/mixing machines required
- Environmentally friendly
- Dust free
- Low permeability
- Simple & easy to use

## Shelf Life

- Unlimited if unopened & kept in a dry location

## Packaging

- 25kg waterproof bags\*
- 42 bags per Europallet (disposable)

\* 500 and 1000kg 'big bags' also available.

## Specifications

Pellet size	8mm (D) 7-12mm(L)
Processing time	None
Sinking speed in water	21m/min
Saturated density	1.80 t/m <sup>3</sup>
Bulk density	1.10 t/m <sup>3</sup>
Delayed swelling time	15 minutes
Swelling capacity	50-70%
Swelling pressure	9 kN/m <sup>2</sup>
Permeability	<10 <sup>-11</sup> m/s

## Quantity Needed (kg/m)

Pipe Diameter (mm)	Borehole Diameter (mm)								
	100	125	150	200	250	300	400	500	600
0	9	13	19	34	54	77	137	215	309
50	6	11	17	32	51	75	135	212	307
100		5	11	26	45	69	129	206	300
125			6	21	40	64	124	201	295
160				12	32	55	115	193	287
200					19	43	103	180	175
250						24	84	161	255
315							52	129	224
400								77	172
500									94