

Filofill P2654, 200 ml  
Filofill P2654, 450 ml  
Filofill P2654, 1,1 litre  
Filofill P2654, 1,5 litre  
Filofill P2654, 2,0 litre

Art. nr. 804652  
Art. nr. 804656  
Art. nr. 804657  
Art. nr. 804664  
Art. nr. 804665



Filofill P2654 (ISP 5581) is a cold curing 2-component polyurethane resin specially designed for cablejoints up to 1 kV.

Filofill P2654 has good anti corrosionproperties and shows a good adhesion to metals, ceramics, and many different plastics, and can be utilized on all plastic- and paper isolated cabletypes.

#### Properties:

- High resistance against UV, chemicals and earth alkalines
- High hydrolysis resistance
- No halogens and plasticizers
- Good visibility of the mixingprocess through the transparent packaging
- High impact-resistance
- Low curing temperature
- No toxic emission
- Good adhesion to all cablematerials
- Recommended operating temperature between 0 and + 35 °C
- Storage temperature between + 10 and 35 °C, short term between -10 and + 50 °C.
- Excellent curing characteristics

Subject to change without notice

*Cable joints • Sealing systems • Customer specific solutions*

## Technical specifications

Properties	unit	value
Potlife (processing time)	minutes	
5°C		30
23°C		10
35°C		7
Viscosity mixture		
25°C	MPa.s	3000-6000
Gell-time	minutes	14
Specific gravity	g / cm <sup>3</sup>	1,5
Hardness	Shore D	45
Tensile strength	N / mm <sup>2</sup>	4,0
Elongation at break	%	30
Water absorption (30 days / 23°C)	%	<1,0
Aging (weight loss) 28 days/ 120°C	%	<1,0
Surface structure cured under water		No bubbles
<u>Resistance against moisture after storage in water at 90 °C/ 28days</u>		
Tensile strength	N / mm <sup>2</sup>	3,3
Elongation at break	%	49
Hardness	Shore D	32
Dielectric strength	kV/mm	> 20
Specific resistance	Ohm	1x10 <sup>13</sup>
Surface resistance	Ohm	1x10 <sup>12</sup>
Temperature resistance	°C	- 25 to +120
Shelf life	months	18
Colour		black
Mixing time	minutes	2

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