

PC5581, 200 ml
 PC5581, 450 ml
 PC5581, 1,0 litre
 PC5581, 1,2 litre
 PC5581, 1,5 litre
 PC5581, 2,0 litre

Art. nr. 200200
 Art. nr. 200450
 Art. nr. 201000
 Art. nr. 201200
 Art. nr. 201500
 Art. nr. 202000



PC5581 is a cold curing 2-component polyurethane resin specially designed for cablejoints up to 1 kV. PC5581 has good anti corrosion properties and shows a good adhesion to metals, ceramics, and many different plastics, and can be utilized on all plastic- and paper isolated cable types.

Properties:

- High resistance against UV, chemicals and earth alkalines
- High hydrolysis resistance
- No halogens and plasticizers
- Good visibility of the mixing process through the transparent packaging
- High impact-resistance
- Low curing temperature
- No toxic emission
- Good adhesion to all cable materials
- 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

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 ³	1,5
Hardness	Shore D	45
Tensile strength	N / mm ²	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 ²	3,3
Elongation at break	%	49
Hardness	Shore D	32
Dielectric strength	kV/mm	> 20
Specific resistance	Ohm	1x10 ¹³
Surface resistance	Ohm	1x10 ¹²
Temperature resistance	°C	- 25 to +120
Shelf life	months	18
Colour		black
Mixing time	minutes	2

Subject to change without notice

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Cable joints and accessories • Sealing systems • Customer specific solutions