

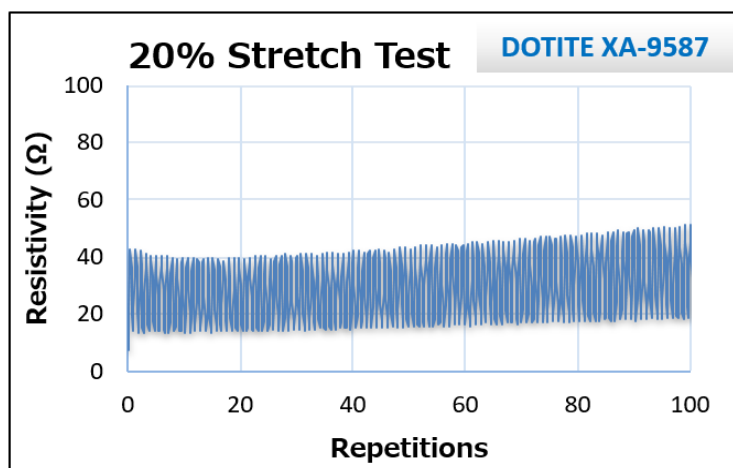
DOTITE Stretchable Silver Pastes

Product Overview – Silicone Stretchable Ag Ink

- Conductivity is maintained even when the film is stretched up to 100%.
- Optimized for high repetitions at 20% stretching.
- Silicone and urethane varieties and compatible adhesives, insulators, and conductive carbon pastes are also available.

Typical Properties

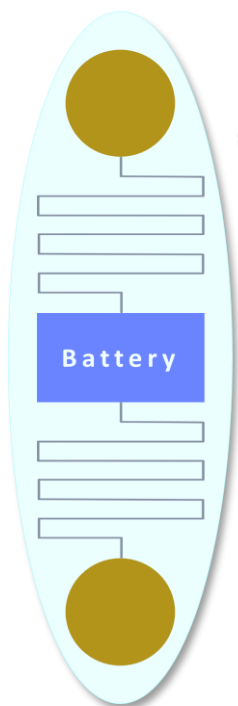
	DOTITE XA-9587
Application	Screen printing
Curing Condition	160°C, 60 mins.
Resistivity	$2.0 \times 10^{-4} \Omega \cdot \text{cm}$
Expansion	Up to 100%
Storage	Frozen (-15°C)
Substrate	Silicone sheet
Biocompatibility	ISO 10993-5



Product Overview – Silicone Stretchable AgCl Inks

- Stretchable silicone ink with AgCl for biosensors.
- Ag/AgCl ratio can be adjusted or customized.

Typical Properties



	DOTITE XA-9576	DOTITE XA-9577
Application	Screen printing	Screen printing
Curing Condition	150°C, 30 mins.	150°C, 30 mins.
Resistivity	$1.0 \times 10^{-3} \Omega \cdot \text{cm}$	$3.0 \times 10^{-3} \Omega \cdot \text{cm}$
Ag/AgCl	90/10	70/30
Storage	Frozen (-15°C)	Frozen (-15°C)
Substrate	Silicone sheet	Silicone sheet
Biocompatibility	Under evaluation	ISO 10993-5