

# SMERF®~Anisotropic Conductive Paste (ACP) ~

[HOME](#) > [Research and Development](#) > [Introduction on technology](#) > SMERF®~Anisotropic Conductive Paste (ACP) ~

## Overview

SMERF is an epoxy based anisotropic conductive paste(ACP) for RFID application.

SMERF is widely applicable for all ACP supply systems such as stencil mask, needle dispense and jet dispense.

We Nippon Chemical can introduce the suitable SMERF grade to meet the customers requirements based on the bonding machine, kinds of IC and antenna.

## Features

Item	Feature	Cure condition	Pot life at 25°C	Shelf life
RL04 series	Standard	170°C~190°C 5sec.~10sec.	10 days	6 months <0°C
RL05 series	High reliable type	170°C~190°C 5sec.~10sec.	10 days	6 months <0°C
RF05 series	Fast cure type (under development)	170°C~190°C 1sec.~5sec.	3-4 days	6 months <0°C

## Images

