










Selection Chart

Item	Type Grade	Non Solvent Type		Solvent Type		
		1101	1102	1104	1105	1107D
		 AN00001	 AN00003	 AN00007	 AN00009	 AN00011
Main Components		Phenol Resin modified with Fatty Acid	Modified Alkyd Resin	Synthetic Rubber	Synthetic Rubber	Lubricating Oil, Colloidal Metal
Properties	Color	Reddish Brown	Yellow	Gray	Black or Silver	Black
	Viscosity (cP, 25°C)	1,000,000	6,900	9,500	3,500	40,000
Properties	Specific Gravity (25°C)	1.42	1.33	1.36	0.92	3.00
	Non-Volatile Matter (%)	Non-Solvent	79	56	26	94
Properties	State after Application	Non-Drying	Non-Drying	Semi-Drying	Peelable Dry Film	Non-Drying
	Elasticity	Non-Elastic	Non-Elastic	Elastic	Elastic	Non-Elastic
Pressure Resistance	25°C (Kgf/cm²)	70	95	95	85	80
	80°C (Kgf/cm²)	35	75	80	65	65
	150°C (Kgf/cm²)	5	60	70	55	55
Chemical Resistance	Heat Cycle Resistance (Kgf/cm²)	35	75	90	55	65
	to Water (95°C)	5	5	5	5	5
Chemical Resistance	to Gasoline (50°C)	1	5	5	4	1
	to Oil (100°C)	2	5	5	4	1
	to NaOH (10%)	2	5	5	5	2
	to H ₂ SO ₄ (10%)	3	5	5	5	2
Properties	Moulding	4	3	4	3	4
	Dismantling	3	3	3	4	4
Properties	Tackiness after Application	Tacky	Tacky	Non-Tacky	Non-Tacky	Tacky
	Serviceable Temp. (°C)	-40-80	-40-150	-40-150	-40-150	-40-400
Diluent		-	Toluene, MEK	Toluene, MEK	Ethyl Acetate, MEK	Toluene, MEK
Content (Container)		1kg Can, 200g Tube	1kg Can, 200g Tube	1kg Can, 200g Tube	1kg Can, 150g Tube	1kg Can
Old Grade Reference		TB #1	TB #2	TB #4	TB #5	TB #7
Features		<ul style="list-style-type: none"> Non-solvent and harmless Excellent sea water resistance Does not deteriorate plastics and rubber 	<ul style="list-style-type: none"> All-round use Non-drying, easy application Excellent gasoline resistance JIS K-6820 Patent No. 506844 	<ul style="list-style-type: none"> All-round use For large clearance application Excellent LPG S/b on one line resistance JIS K-6820 Patent No. 569400 	<ul style="list-style-type: none"> Vibration resistance Peelable dry film 	<ul style="list-style-type: none"> For high temperature application

Item	Type Grade	Silicone RTV (Room Temperature Vulcanization)			
		1211	1212	1215	1207C / 1207D
		 AN00014	 AN00015	 AN00016	 AN00017
Reaction Mechanism		Deoxygenation	Deoxygenation	Deoxygenation	Deoxygenation
Color		White	White	Gray	Red-brown (1207C) / Silver (1207D)
State, Viscosity (cP, 25°C)		70,000	Non-fluid	Semi-fluid	Non-fluid
Specific Gravity (25°C)		1.01	1.05	1.50	1.50
Extrusion	g / 5sec	45	30	45	30
	cc / 5sec	30	28.5	30	20
Touch-proved Desiccation Time (min)		90	15	60	5
Setting Time (mm/day)		-	-	2.5	3.0
Hardness (Hs)		20	35	45	60
Tensile Strength (Kgf/cm²)		10	20	15	50
Elongation (%)		230	260	320	170
Shear Bonding Strength (Kgf/cm²)		12	10	8.0	12.0
Chemical Resistance	To Water	-0.5	+1.3	-0.5	-0.4
	To Engine Oil	+5.0	+5.0	+3.0	+5.8
	To Gasoline	-20.2	-15.1	-4.0	-3.0
Removability		Normal	Normal	Normal	Good
Effective Temperature Range		-60~250°C	-60~250°C	-60~250°C	-60~250°C
Coating Method		Tracing	Tracing	Tracing	Tracing
Capacity		100g	100g	250g, 333cc, 20kg	150g, 333cc, 20kg
Typical Application		General Purpose	General Purpose	Differential case, Transmission	Water pump, Oil pan
Main Features		Fluid, Easy application	Non-fluid, Easy moulding	Resistive for gear oil	Quick setting, high tolerance to pressure realized immediately after coating-assembling, high resistivity to chemicals, readily removable and resistive to LLC and engine oil.
Caution: May deteriorate copper and copper alloys					