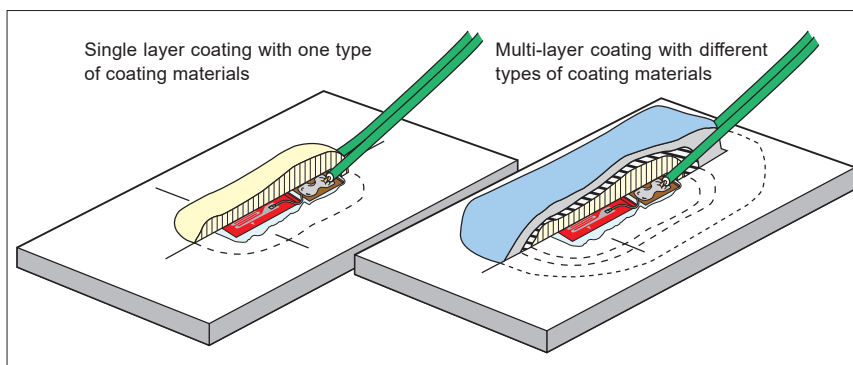




Coating Materials

The type of coating required and the application method differ depending on the environment in which the strain gauge is used. In general, if one type of coating is not sufficient, multiple coatings can be combined to protect the strain gauges. At TML, the coating applied directly to the surface of the strain gauge is referred to as the first coating with subsequent coating layers referred to sequentially as the second coating, third coating, etc. Multi-layer coatings offer better strain gauge protection.



Type	Materials	Color	Contents	Operating temperature	Curing conditions	
W-1	Microcrystalline wax solid	Light yellow	500g	0~+50°C	Hot melting +100~+120°C Hardening in room temperature	
N-1	Chloroprene rubber based solvent thinned	Light yellow	25g *	-30~+80°C	Air-drying A half day in room temperature	
K-1	Special rubber based solvent thinned	White	25g *	-269~+60°C	Air-drying A half day in room temperature	
UE-1	Special rubber based solvent thinned	Brown	25g *	-40~+150°C	Air-drying A half day in room temperature	
SB tape	Butyl rubber	White	10mm(wide)x3mm (thick) 5m long/roll	-30~+80°C	Pressure sensitive	
VM tape	Butyl rubber	Black	38mm(wide) x1mm (thick) 6m long/roll	-20~+80°C	Pressure sensitive	
KE-348W	Silicone rubber	White	100g	-50~+200°C	Air-drying A half day in room temperature	
KE-348T		Transparent	100g			
TSE3976-B	Silicone rubber	Black	100g	-50~+250°C	Air-drying One day in room temperature	

SDS : Safety Data Sheet

TML supplies SDS for all its strain gauge adhesives and coatings. Contact your TML supplier for more information.

Coatings in special substances

For use in special substances such as acids, alkalis and alcohols, contact TML or your local representatives.

* These contents are for outside Japan
(Dangerous Goods in Excepted Quantities)