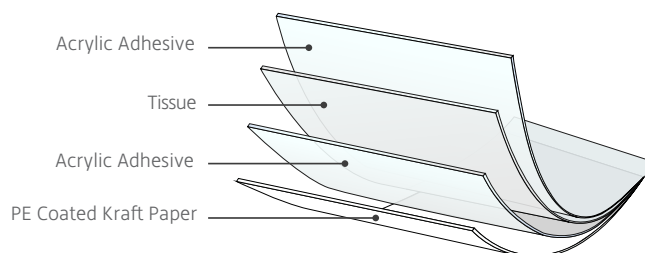


Technical Data Sheet: ZW242

Flame Retardant Double Sided Tape

ZW242 is a double-sided tissue tape which is specially design with flame retardant feature yet provide excellent properties in bonding and heat resistant.



Characteristics

- Excellent adhesion provides secure bonding on various substrate such as foam, felt, rubber and metals
- High shear strength with high temperature resistant
- Flame retardant with UL94-VTM0
- Excellent aging and very good solvent, chemicals and heat resistant

Applications

- Long term fastening for flame retardant applications such as in EV batteries, home appliances and other electrical devices
- Lamination on porous foam materials such as PU, Rubber, Sponge, Neoprene, and EPDM, etc. for purpose of heat breaking, gasket, sealing, etc
- Bonding of low surface energy substrates such as PE and PP, as well as fixing of rubber tiles, nameplates, emblems, etc

Properties

Properties	ZW242	Standard
Tape Thickness (μm)	140	-
Peel Adhesion (kg/25mm)	1.8	PSTC-3
Shear Strength (25x25mm, 1000g) (hrs)	> 72	PSTC-7
Heat Resistance (25mmx25mm, 500g @ 80°C) (hrs)	> 24	-
Thermal Conductivity (W/m-K)	> 1.0	-
Thermal Impedance Coefficient (°C-in ² /W)	< 0.2	-
Service Temperature (°C)	-30 ~ 120	
Flammability	VTM-0	UL94