

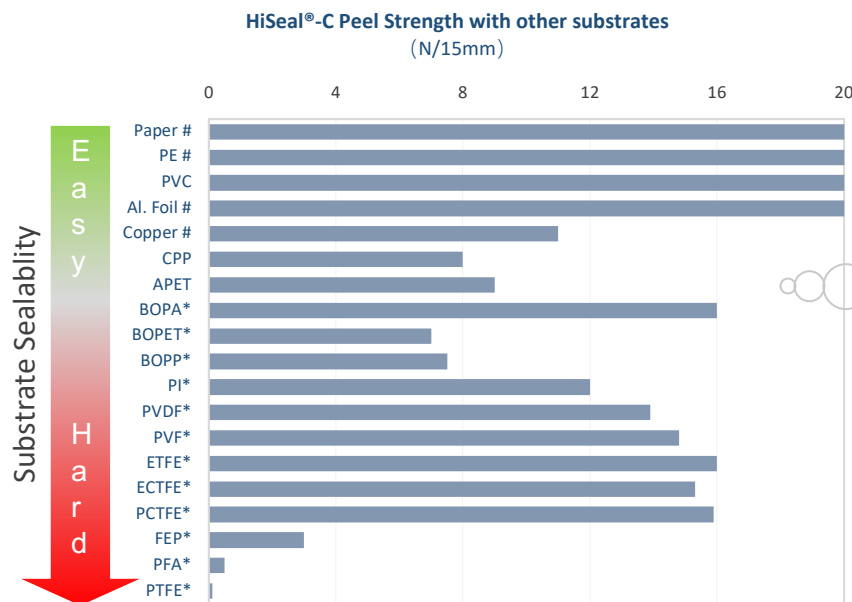
## HiSeal®-C Heat Seal Adhesive

HiSeal®-C Adhesive is specially developed to solve the adhesion challenges in packaging and electronics. It is a perfect coating adhesive to heat seal those non-sticking materials such as **PP, PET, PI** and **fluoropolymer films** (ETFE, FEP, PVDF, etc.), let alone aluminum or copper foils.

### **i** Features & Benefits:

1. Effective adhesion with non-sticking materials such as PP, PET, PI and fluoropolymer films.
2. Single component gravure coating, simple heat seal or high frequency wave welding.
3. Reactive polymer bonding with high peel strength and reliability. High flexibility for bending.
4. Wide heat seal temperature window for various materials.

### **i** HiSeal®-C Heat Seal Tests:



**Very Important:** Please consult Visualplas support on HiSeal®-C selection, substrate treatment and process conditions based on your substrates and applications.

**Test Method :** Gravure coating HiSeal®-C adhesive on Aluminum foil or PVC sheet at 5 gsm. Then hot seal other substrates with it at 100°C ~ 230°C depending on substrates chemistry and thickness at a pressure of 0.5Mpa. Test peel strength after 24 hours ambient cooling.

**Note :** # inherent fracture occurred during peel test. Value is estimated.

**Note :** \* Substrate surfaces are corona treated.

### **i** HiSeal®-C Adhesive Properties

Properties	Typical Value	Unit	Test Method
Appearance	Transparent liquid	-	By Visual
Solid content	20~30	%	by weight
Resin	Trade secret	-	-
Solvent	Organic solvent mixture	-	-
Viscosity	800 ~ 1000	mPa.s	ASTM D3236



### **i** HiSeal®-C Adhesive Storage

HiSeal®-C contains volatile solvents, suggest a cool and dry storage. Refer to MSDS for handling.