

INTRODUCING A PRACTICAL RELEASE LINER FOR SILICONE PRESSURE SENSITIVE ADHESIVES



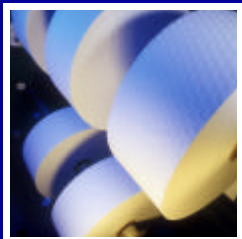
Silicone pressure sensitive adhesives have been available for more than 30 years. Their high cost has tended to limit their use to applications where it is not possible to use a conventional pressure sensitive adhesive. In addition release liners have been restricted to either expensive, solvent based fluoro-carbon coatings or embossed films which tend to allow the adhesive to dry out.

Developed primarily for specialist applications, silicone pressure sensitive adhesives perform over an extreme range of service temperatures (-60°C to +300°C) and are relatively inert and non-toxic. Their unique chemistry allows them to wet-out and bond to silicone release coatings.



The main applications for silicone pressure sensitive adhesives include: -

- Splicing tapes for silicone coated release liners
- Masking tapes for protecting printed circuit boards and enamel coated surfaces from chemical attack
- Mounting PTFE fabric on heated rollers for conditioning plastic films
- An adhesive for external medical use.



Cotek is now pleased to offer a practical release liner based on a new solvent-free fluorinated branched silicone coating. A wide range of substrates is available including polyester film and supercalendered kraft.

Practical experience has shown that most silicone pressure sensitive adhesives can be used satisfactorily with the new release liner. However with the many permutations of silicone P.S.A chemistry and curing systems it is essential that the user ensures that their preferred adhesive is compatible with the release liner. Wet transfer coating and the use of high levels of peroxide curing agents can result in tight release.

The new release liner also provides exceptionally easy release against conventional pressure sensitive adhesives.

This enables release coated splicing tape to be manufactured without a separate liner.

Please contact our Sales Department for more details, prices, samples or to arrange trial material.



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