

DATASHEET: RSD Special developed tape

DESCRIPTION:

These high tack polyester tapes have controlled adhesion and good conformability. The controlled level of crosslinking assures a proper balance of adhesion to substrates and chemical and temperature resistance.

TECHNICAL INFO:

VALUE

Backing	Polyester
Backing Thickness	1 mil
Adhesive	Crosslinked Silicone
Adhesive Thickness	1.5 mil
Total Thickness	2.5 mil
Color of Adhesive	Red slitley transparent
Breaking Strength	6.3 kg/cm
Elongation	130%
Adhesion to Steel	0.45 kg/cm
Dielectric Strength	5400 Volts
Temperature Range	-51 to 180°C

HANGON ADVISE:

This tape is similar to the PC20.

Although this tape is developed for a packaging purpose, this tape can also be used in the powder coat industry as a masking tape.

SURFACE APPLICATIONS:

Splicing of silicone release coated paper and film.

These tapes are designed for applications where quick adhesion is desired.

BONDING INFORMATION:

For maximum adhesion, bonding surfaces should be clean, dry and free from grease and oils. The firmer the applications pressure and the greater the contact area, the stronger the bond. Bond strengths will increase as a function of time as the adhesive continues to wet out the bonding surfaces.

Ultimate adhesion can be obtained immediately by the application of heat (adhesive line = 93°C) and pressure.