

# CS Hyde Company

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## PRODUCT INFORMATION

**Y4960**

Acrylic Adhesive

## PRODUCT DESCRIPTION

Y4960 is a CLEAR polyester film coated on both sides with a high performance, modified acrylic adhesive. Comes with a dimensionally stable siliconized RED polypropylene release liner making it preferred for precision die-cut applications. The adhesive system of this double-coated tape is extremely aggressive; exhibits high shear strength, and will bond well to nearly all materials; even to difficult surfaces like foams, PE and PP films. It has excellent temperature, UV, aging, water vapor, and chemical resistance. Also has good plasticizer resistance.

## APPLICATION INFORMATION

- Used for interior or exterior bonding of dissimilar materials where high shear performance is required.
- Used in sign making, fixing decorative moldings print finishing and stereo mounting.
- Used for bonding rubber, plastic, metal and wood substrates; for permanent mounting of nameplates and decorative trim on appliances and furniture.
- Used in die cut applications where precise size retention is critical.

## PHYSICAL PROPERTIES

Backing	0.5mil (12 $\mu$ ) Clear Polyester Film
Adhesive	Modified Acrylic Adhesive
Total Thickness (exclusive of liner)	7.6mil (190 $\mu$ )
Liner	Red Siliconized Polypropylene Film
Adhesion to SST (FINAT-TM 1)	
- 1minute dwell	88 oz./in
- 20 minute dwell	110 oz./in
- 24 hour dwell	135 oz./in
Shear Resistance (FINAT-TM8)	
-Temperature at 73°F (23°C)	>400 hours
-Temperature at 158°F (70°C)	>6 hours
Temperature Resistance	
-Long Term	-40°F to 320°F
-Short Term	Up to 356°F
Minimum Application Temperature	>59°F (15°C)

\*The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.