



## CB Hard Vinyl Cylinder Diameter Build-up Tapes for Flexographic Printing

### TECHNICAL APPLICATIONS

Hard vinyl CB tapes from Adheso-Graphics are engineered for caliper-consistent cylinder diameter build-up. These tapes may be used in place of common sleeve systems that require cylinder retro-fitting, or in addition to sleeves to adjust print height. CB tapes feature a unique acrylic adhesive system, coated on one side for application to cylinder surfaces. The non-adhesive side is provided for job type selection of proper plate mounting tape. AGI flex cushion, vinyl or thin type tapes are recommended for use in conjunction with CB tapes.

### PRODUCT CHARACTERISTICS

FlexStik® vinyl plate mount products provide accurate caliper control. Variations in the overall mounting tape are minimal. Typical variations on a .050" thickness are within +/- .0015". FlexStik® cylinder-side adhesive systems are very compatible with common plate types used in the market today. They display strong internal cohesive strengths, and ensure clean plate removal with little adhesive residue. Adheso products are manufactured to strict standards, maintaining an even coating profile that provides consistent finished roll-to-roll thickness.

### MOUNTING SUGGESTIONS

FlexStik® tapes are suited for use with various metal cylinder types. It is important that any surface to be adhered to be free of contaminants such as oils, dust or printing inks. Surfaces should be cleaned using an IPA solution prior to applying tape. It is recommended that the liner side of our tape be applied to the cylinder surface prior to plate mounting. Tapes are pressure sensitive: Once in contact with the cylinder a steady even distribution of pressure should be applied to the tape to ensure sufficient cylinder contact. After plate mounting onto CB, it may be beneficial to wrap plates on the cylinder for a period of 6-12 hours. This will allow the plate to conform to the circumference of the cylinder along with securing its adhesion to the tape.

### TECHNICAL DATA

Thickness	Carrier Color	Standard Widths			
0.020" (0.50mm)	Black	18" (457mm)	27" (686mm)	36" (914mm)	54" (1372mm)
0.025" (0.64mm)	Green	18"	27"	36"	54"
0.040" (1.02mm)	Light Blue	18"	27"	36"	
0.050" (1.27mm)	Red	18"	27"	36"	

	Undercut 0.125"	Undercut 0.085"	10 Pitch Cylinder
CB	.040"	.040"	.050"
Tape	.020"	.020"	.020"
Plate	.067"	.045"	.107"

**Roll Length:** CB.050", CB.040": 50' (16.6 yards or 15.2 M). CB.025": 75' (25 yards or 22.86 M).

**Adhesive Type:** High-performance, acrylic-based pressure sensitive.

**Carrier:** Vinyl film.

**Release Liner:** .004" poly-coated paper, brown.

**Tape Tolerance:** \*Typical +/- .0015" (0.038mm).

**Recommended Use:** All metal cylinder types and hard-type sleeve systems.

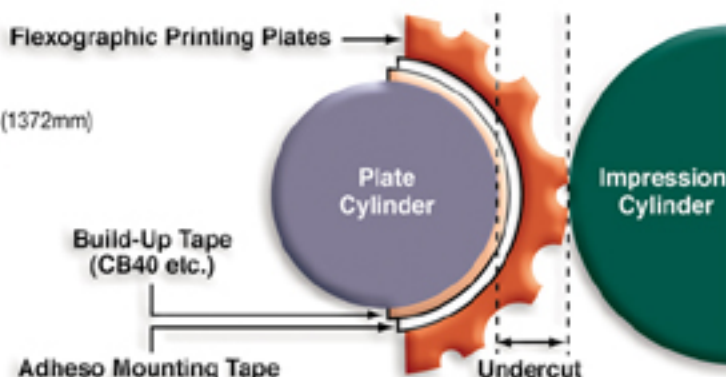
**Mounting Method:** Adhesive side (liner) to cylinder surface. Non-adhesive side exposed for mounting tape and printing plate application.

**Steel Cylinder**

**Peel Strength:** 17 oz./in. (PSTC #3 method).

**Print Applications:** Cylinder-build tapes find application by increasing the cylinder diameter necessary to facilitate correct impression settings when utilizing thin, photopolymer plate technology, or by general cylinder diameter/undercut increase.

\*Typical variations contained in above statements should not be used in writing specifications. Actual testing should be done by the user to determine suitability. All information, recommendations and descriptive material about Adheso-Graphics products are based upon research, and are believed to be, but do not constitute a warranty. All AGI materials are sold with the understanding that purchasers will independently determine the suitability of these products for their purposes.



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