



CHO-SHIELD® PRIMERS 1085 AND 1086 Silicone Adhesive Primers

Chomerics' CHO-BOND® primers 1085 and 1086 are air-drying liquid coatings used to improve the adhesion of Chomerics' CHO-BOND conductive silicone elastomers to metal and other non-silicone substrates. The primers are moisture reactive and clear in color. CHO-BOND 1085 primer is formulated to achieve maximum adhesion on non-silicone substrates for CHO-BOND® 1029 adhesive. CHO-BOND 1086 primer is formulated for CHO-BOND® 1030, 1035, 1038, 1075 adhesives/sealants and CHO-THERM® 1641 and 1642 thermal compounds.

For best bonding results, use the following procedure:

1. Thoroughly clean and degrease the surface to be primed.
2. Rinse the cleaning agent off the surface with acetone.
3. Apply a coat of the primer by wiping, brushing, or spraying. A thin film of primer will give the best adhesion. Use adequate ventilation. A cotton swab is an adequate applicator.
4. Allow the primer to air dry for 15-30 minutes depending on environmental conditions. (Low humidity will require a longer drying time.)
5. Apply the CHO-BOND adhesive.

TYPICAL PROPERTIES

	Primer 1085	Primer 1086
Viscosity at 77°F (25°C), centipoises	5	5
Flash point, °F (°C)	57 (14)	59 (15)
Specific Gravity	0.87±0.15	0.78±0.10
Shelf Life	6 months	6 months
Use Temperature	-112 to 392°F (-80 to 200°C)	-112 to 392°F (-80 to 200°C)
Room Temperature Cure	0.5 hr.	0.5 hr.

ORDERING INFORMATION

Primer 1085	Size	Primer 1086	Size
50-01-1085-0000	1 pint	50-01-1086-0000	1 pint

