

# Bonding Agent for Cured Rubber To Metal Other Rigid

## Metloc C-12

METALOC C-12 is a single-coat adhesive for bonding NBR compounds to Metals or other rigid substrates.( Non heating or heating type adhesive )

### TYPICAL PROPERTIES

Color	: Black
Composition	: Organic resins and rubbers dissolved in organic
solvents Solid Content	: 18 - 20 %
Density	: 0.86 - 0.90
Viscosity	: 50 - 100 mPa·s
Solvents	: Methyl ethyl keton (MEK) and Ethyl acetate
Diluents	: MEK or Methyl isobutyl keton (MIBK)
Flash Point	: -13.5°C
Shelf life	: 12 Months

### APPLICATION and HANDLING

Proper cleaning of the substrates is an important factor in the bonding operation. The metallic or non-metallic substrate must be cleaned of all oils, grease, rust, scale, dirt or other contaminants by suitable mechanical or chemical methods.

**METALOC** C-12 may be applied to metals by brushing, spraying or dipping. It can be brushed full strength and may be thinned with MEK or MIBK for dipping or spraying. With reasonable care, 1 kg of METALOC C-12 will cover approximately 10 - 20m<sup>2</sup>.

**METALOC** C-12 should dry for at least 30 minutes at room temperature or 10 minutes at 50°C before bonding. The coated parts should be used within 7 days. They should be given another coat of adhesive if they are not used within this time period.

**METALOC** C-12 will bond NBR during the curing process by most commonly used vulcanizing techniques. For best results, curing temperature should be maintained between 130°C to 200°C.

### CAUTION

Contains volatile solvents. Keep away from heat, sparks or open flame. Use adequate ventilation. Avoid prolonged breathing of vapors and mists. Avoid contact with skin, eyes and clothing. Do not take internally.

**PACKING** 15KG Drum