

CRYOTHERM® - G

Powder Gas/Neutral

Hard, grindable final coat alloy for all metals (except copper).

FEATURES

- Excellent corrosion resistance
- Hardness 24 RC
- Grinds to mirror finish
- Excellent wear and abrasion resistance
- Builds up to .125" thickness
- High density deposit
- Low application temperature
- Low friction surface

CHARACTERISTICS

CRYOTHERM-G is an alloy that produces a hard, low friction surface exhibiting excellent corrosion and wear resistance. Its combination of properties make it ideal for applications where abrasion and wear conditions are severe.

CRYOTHERM-G can be applied up to .125" thick, grinding produces a smooth long-wearing finish.

TECHNICAL

Macro Hardness RC 24
Density 7.6 g/cc

Spray Coverage
4m²/Hr./ .1mm
18 Ft.²/Hr./ .01"

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CRYOTHERM® - M

Powder Gas/Neutral

Machinable finish coat alloy for all metals (except pure copper).

FEATURES

- Excellent corrosion resistance
- Retains lubrication
- Bonds at low temperature
- Hardness RB 80
- Low friction surface
- Machinable
- Builds to .125" thick
- Work Hardens

CHARACTERISTICS

CRYOTHERM-M is a general purpose, low temperature powder used on **CRYOTHERM-BOND** to produce a surface which is wear and corrosion resistant, yet machinable. The deposited hardness plus the work-hardening characteristics produce a low friction, low-wearing surface. Deposit properties are further enhanced by the fact that the surface retains lubrication. The corrosion resistance of the alloy is equal or superior to that of most stainless steels.

TECHNICAL

Macro Hardness RB 80
Density 7.4 g/cc

Spray Coverage
3.6m²/Hr./ .1mm
16 Ft.²/Hr./ .01"

Can be used in any compatible cold spray torch.