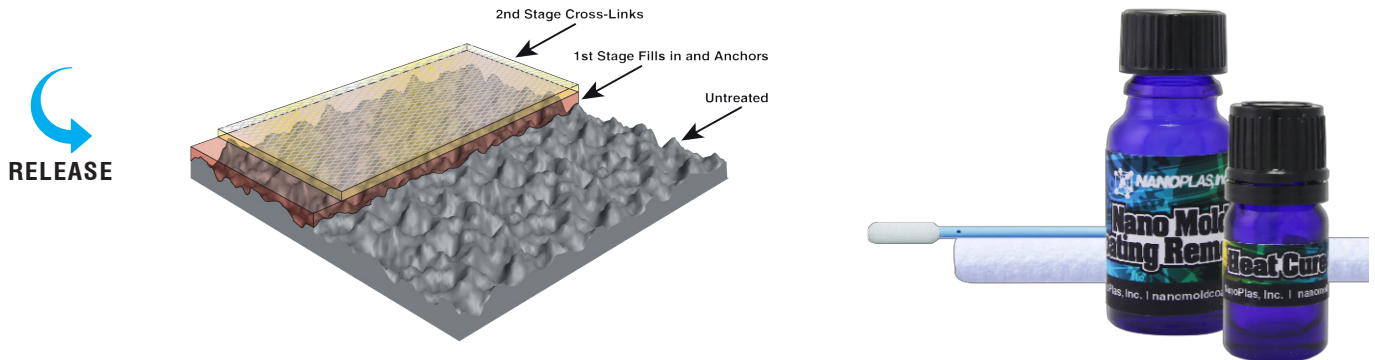


NANO MOULD COATING

NANOMOLDCOATING® – HEAT CURE



Technical Description:

Using the NanoMoldCoating® heat cure allows the user to protect the surface of their moulds, and improve the injection process.

By applying the coating you get less friction resistance, which can allow the user to reduce the injection pressure and/or the packing pressure in the moulding process.

Additionally, by protecting the surface and taking full advantage of the coatings properties, the user can reduce or eliminate sink marks and short shots, improve cycle time and improve part release.

- Excellent release
- Can be used for Thermoplastics of all grades
- Multiple coatings are possible
- Hydrophobic and oleophobic
- Vapour permeable
- Resists most common chemical cleaners
- Offers corrosion protection
- Can be used on all tool steel and aluminum surfaces
- Can be used to release all thermoplastics, thermosets and rubber materials
- Non-toxic

Properties:

Maximum operating temperature	540°C
Maximum number of operating cycles	500 000
Film type	Polymer film
Application on surface	Cold surface
Cure method	Apply hot air
Cure time	3-4 hours
Food grade	HCF model is approved by FDA 21 CFR section 175.300 HC model is not.