



Thermal Spray

Performance products for High Tech Masking solutions

Taconic is a world-class manufacturer of fabrics coated PTFE and Silicone, including **high performance thermal spray masking tapes, fabrics, and compounds**. The full range of masking materials are **designed to produce time and cost savings**. We are committed to active research and development to create maskants that resist higher heat and higher abrasion. Taconic's global presence allow us to respond accurately and quickly to challenging masking applications with customized solutions.

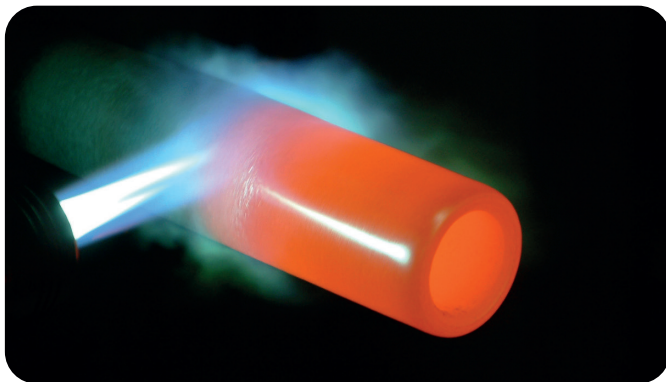
Combustion Flame Spray Coating

High energy and Temperature spray coating. A combustible gas is used as a heat source to melt the feedstock in form of powder, wire, or rod and to propel the melted droplets at the component surface. The droplets impact the surfaces and thus the coating is formed.

They are commonly used in industries such as Aviation/Aerospace, Energy, Semiconductors and general Industrial applications.

Masking is necessary to prevent a build-up of the coating allowing for clean coating in areas where can be detrimental.

Proper masking also improve the precision of the placement of the coating allowing for clean coating lines , no cracking and no contamination.



How to **SAVE TIME** and **MONEY** and improve Masking efficiency with our Products.

- Strong mechanical behaviours
- Reusable masking
- Post coating properties



- Reduce time
- Reduce Tapes consumption
- Reduce overall spend
- Improve throughput
- Reduce Clean up
- Eliminate rework

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Products Recommended:

Tapes

- 6605-07-HP : Basic single side glass cloth tape. Good choice for single layer secondary masking.
- 6615-07-HP : Double sided glass cloth tape with strong adhesion. Good for bonding masking layers together.
- 6525-08 : Silicone rubber coated fiberglass and silicone adhesive.
- 6625-09 : Aluminium foil, glass fabric, silicone adhesive.
- 6525-16 : Double layered masking tape. Suitable where two layers of standard tapes are required. It can reduce masking times by 50%.

Coated fabrics

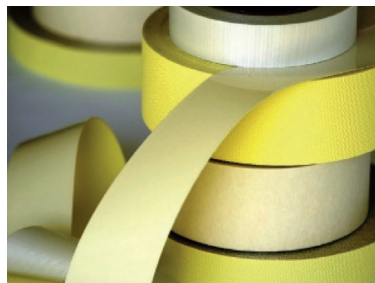
- 7102 W : Thin flexible silicone coated fiberglass fabric, suitable as secondary masking.
- 7322 W : Silicone coated on stronger fiberglass fabric. Ideal for primary and secondary masking.
- 7422 W : Heavy silicone coated fiberglass fabric suitable for large surfaces protection. More abrasive resistant and more suitable for primary masking.

Tac Mold Compounds

- Tac Mold A2023A/A2023B : 2-part silicone putty designed to withstand all forms of thermal Spray. Putty is intended to assist with masking holes or complicated intricate surfaces. In some Case is reusable.

Advantages

- Surfaces free contamination
- High Abrasion resistance
- Flexibility and conformability
- Peel Adhesion
- Prevent bridging or cracking



Our European Sales Team is ready to serve your needs. Simply visit our website www.taconic-ipd.com for more information

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