



## 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.

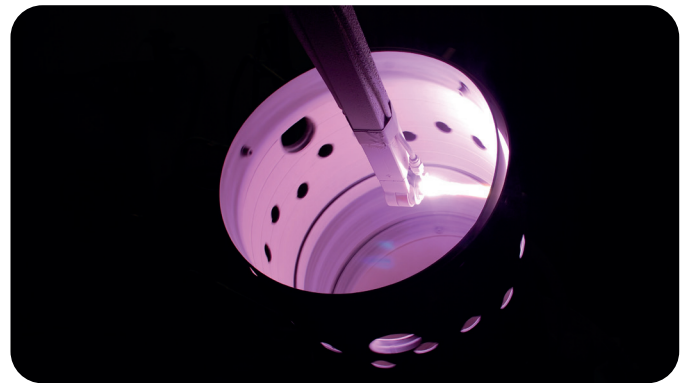
### Air Plasma Spray Coating (APS)

APS is a process used to produce high quality coating by using a high energy source, very High Temperatures, inert spray source (Argon) and high velocity particles. The result is a very pure coating. APS allows for the coating of some material that would be otherwise impossible to melt such as Thermal barrier coatings (TBC).

APS are commonly used in Industries such as Aviation / Aerospace, Energy (industrial Gas Turbines, Wind blade mechanical systems), Semiconductors, Gas & Oil, and Marine.

**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.

- Low Friction
- Nonstick Smooth Surface
- UV Resistant



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

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[www.taconic-ipd.com](http://www.taconic-ipd.com)  
[info@taconic-ipd.com](mailto:info@taconic-ipd.com)





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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.
- 6525-16 : Double Layer plasma spray masking tape.
- 6625-09 : Aluminium foil, glass fabric, silicone adhesive.

### Coated fabrics

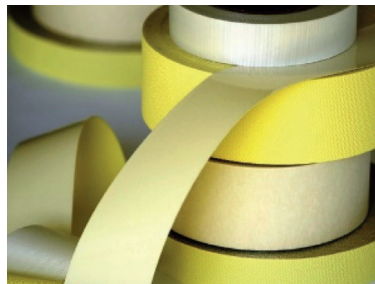
- 7102 W : Thin flexible silicone coated fiberglass fabric, suitable as secondary masking.
- 7322 W : Silicone coated on stronger fiberglass fabric. Ideal for primary and secondary masking.
- 7422 W : Heavy silicone coated fiberglass fabric suitable for large surfaces protection. More abrasive resistant 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](http://www.taconic-ipd.com) for more information

## TACONIC®

**TACONIC International Ltd.**  
Industrial Products Division  
Forest Park, Mullinger  
Country Westmeath  
Republic of Ireland

Tel. + 353 44 93 383 00  
Fax. + 353 44 93 383 90  
info@taconic-ipd.com  
www.taconic-ipd.com

**Wildcat TACONIC**  
School Close  
Burgess Hill  
West Sussex RH 15 9RD  
Great Britain

Tel. + 44 1 444 247 756  
Fax. + 44 1 444 248 416  
info@wildcat-taconic.com  
www.taconic-ipd.com

**TACONIC International Ltd.**  
Niederlassung Deutschland  
Kalscheuener Str. 172-174  
50354 Hürth  
Germany

Tel. + 49 (0) 22 33 - 71 00 06 - 0  
Fax. + 49 (0) 22 33 - 71 00 06 - 99  
info@taconic.de  
www.taconic.de

**TACONIC FRANCE**  
Z.A. des Vernays  
74210 Doussard  
France

Tel. + 33 450 - 44 31 47  
Fax. + 33 450 - 44 88 45  
info@taconic-france.com  
www.taconic-ipd.com

**TACONIC POLAND**  
Al. Milenijna 14  
66-470 Kostrzyn nad Odra  
Poland

Tel. + 48 (0) 95 - 7 23 44 00  
Fax. + 48 (0) 95 - 7 23 44 01  
biuro@4taconic.com  
www.taconic-ipd.pl

Follow us on LinkedIn  here 



[www.taconic-ipd.com](http://www.taconic-ipd.com)  
[info@taconic-ipd.com](mailto:info@taconic-ipd.com)

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