### About Thermal Spray

**eGUN**
- **Typical Coatings**: Nickel & Cobalt based alloys, Stellite, Triballoy, Inconel, Iron based alloys, AISI 316L, etc.
- **Typical Substrates**: MC/AlY
- **Main Applications**: Wear resistance, Sliding, Abrasive, Erosion, etc.
- **Dimensional restoration**

**Cold Spray**
- **Typical Coatings**: Ductile materials & alloys
- **Typical Substrates**: Zn, Al, Ni, Ti, Cu, Ag, NiCr, CuAl, MC/AlYs, etc.
- **Main Applications**: Electrical and thermal conductivity, Pre-placement of solders, Corrosion protection, Dimensional restoration

**HVOF Spray (High Velocity Oxygen Fuel)**
- **Typical Coatings**: Nickel & Cobalt based alloys, Stellite, Triballoy, Inconel, Iron based alloys, AISI 316L, etc.
- **Typical Substrates**: Carbides & Cermets, MC/AlY
- **Main Applications**: Wear resistance, Sliding, Abrasive, Erosion, etc., Chemical resistance, High Temperature applications, Dimensional restoration

**Plasma Spray**
- **Typical Coatings**: Ceramics, Carbides & Cermets
- **Typical Substrates**: Iron, Nickel & Cobalt based alloys, Abradables
- **Main Applications**: Wear resistance, Sliding, Abrasive, Erosion, etc., Corrosion resistance, Thermal barriers, Combinations

**Arc Wire Spray**
- **Typical Coatings**: Iron based alloys, Nickel based alloys, Copper & Copper alloys, Aluminium, Zinc, Al-Zn alloys, Babbitt alloys
- **Main Applications**: Wear resistance, Corrosion protection, Dimensional restoration, Bond coat

**Flame Powder Spray**
- **Typical Coatings**: Self-fluxing alloys (fusing), Iron based alloys, Nickel based alloys, Copper & Copper alloys, Ceramics & Cermets, Abradables
- **Main Applications**: Wear resistance, Friction properties, Corrosion protection, Dimensional restoration

**Flame Wire Spray**
- **Typical Coatings**: Iron based alloys, Nickel based alloys, Molybdenum, Copper & Copper alloys, Aluminium, Zinc, Al-Zn alloys
- **Main Applications**: Wear resistance, Friction properties, Corrosion protection, Dimensional restoration, Electromagnetic shielding

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**FST Flame Spray Technologies**
- **Added value through know-how**

**Additional Notes**:
- **Consumables**
- **Systems**
- **Coatings**
- **www.fst.nl**