



PARAT TECHNOLOGIES
Thermal Spray | Surface Engineering

THERMAL SPRAY WIRES



ANTI-CORROSION | ANTI-WEAR | ANTI-EROSION | ANTI-ABRASION | INSULATION | CONDUCTIVITY

PARAT THERMAL SPRAY WIRES

Whatever be your metal spray application whether dimensional restoration, reliable bond coat, resistance to wear/erosion/abrasion, corrosion resistance, insulation or conductivity our wires meet the challenge with achievement of optimum results. These wires are suitable with flame spray, arc spray & hvof processes. Following categories of wires we supply: –

- Metals
- Alloys
- Cored Wires
- Bond Coat
- Solid Hard Wires



If you know your wire for metal spray application then write us with your inquiry on info@parattech.com

If you want to know wire for your metal spray application then write us with your application details on support@parattech.com

To see more details of our wires & datasheet please log on to www.parattech.com

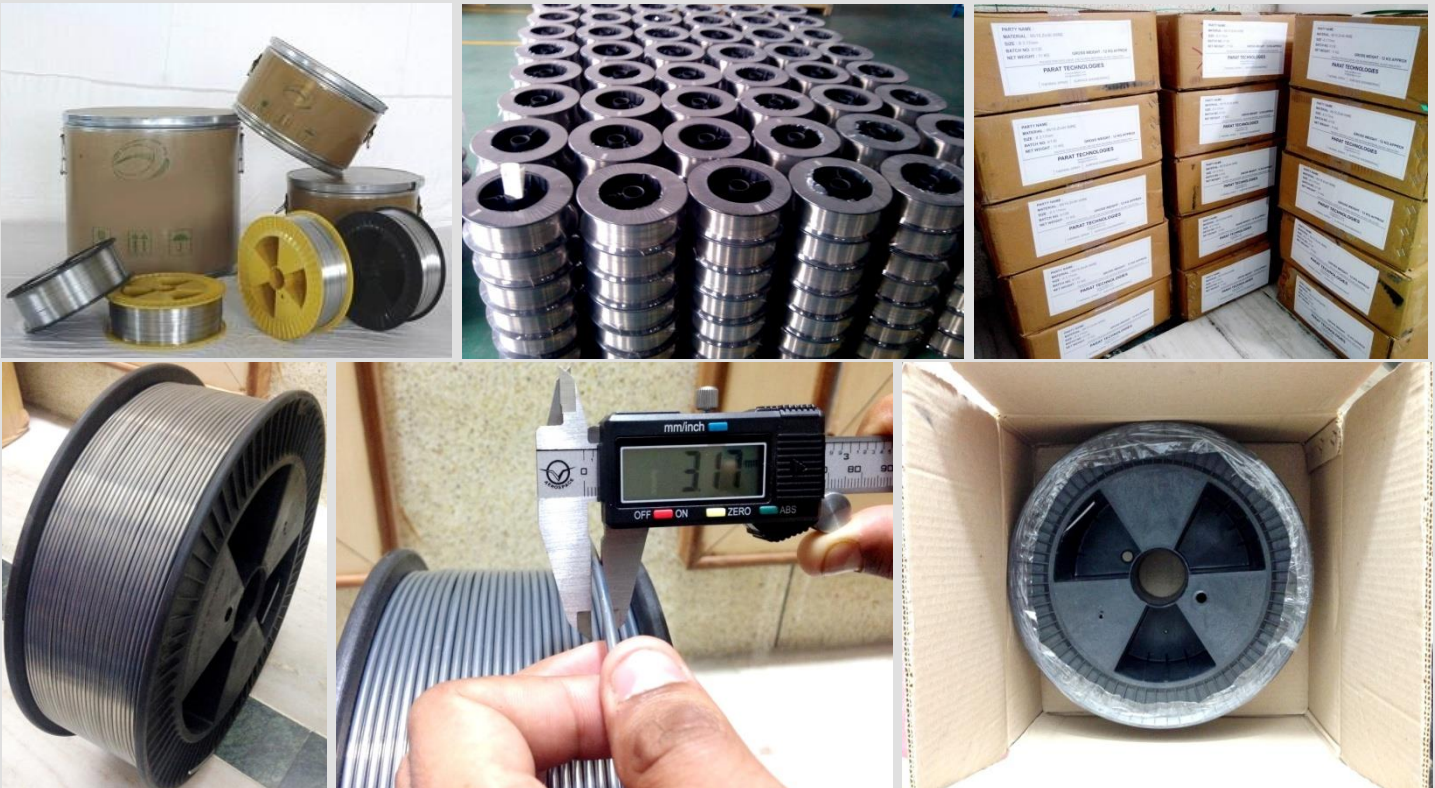
For quick contact
[+91-9782690993](tel:+919782690993)

WIRE TYPES & PACKAGING

Parat offer a wide range of thermal spray wires with variety of chemistries, ranging from traditional metals & metal alloys to complex cored wire compositions. These wires are supplied with standard diameters & packaging of thermal spray industry. Each of the wire is tested in laboratory & supplied with test certificate. Optimum coating results are always achieved if correct process & parameters are chosen.

Our wires are specifically drawn for thermal spray processes only therefore, we do not recommend using these for any other application. Major advantages of our wires are listed as under: –

- ✓ Smooth & finished surface
- ✓ Burr free surface
- ✓ Uniformity throughout the length as per claimed diameter
- ✓ Optimum efficiency
- ✓ Optional packaging



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TYPICAL RANGE

WIRE	COMPOSITION	DIAMETER	COVERAGE /m ² /100μm	SPRAY RATE /h/100 amp	APPLICATION
PT-01A	Aluminium	1.6/2.0/2.3/3.17 mm	0.3 kg	2.8 kg	<ul style="list-style-type: none"> Corrosion Protection
PT-02Z	Zinc	1.6/2.0/2.3/3.17 mm	1.1 kg	9.5 kg	<ul style="list-style-type: none"> Corrosion Protection Electrical Conductivity
PT-05C	Copper	1.6/2.0/2.3/3.17 mm	1.1 kg	5.0 kg	<ul style="list-style-type: none"> Decorative Electrical Conductivity Copper Reclamation
PT-06NC	Nickel Chrome 80/20	1.0/2.0 mm	1.1 kg	5.0 kg	<ul style="list-style-type: none"> Oxidation Resistance Bond Coat
PT-06N	Nickel	1.6/2.0 mm	1.1 kg	4.5 kg	<ul style="list-style-type: none"> High Temperature Corrosion Resistance
PT-13M	Molybdenum	1.6/2.0/3.17 mm	1.1 kg	4.5 kg	<ul style="list-style-type: none"> Galling & Scuffing Resistance
PT-60SS	Stainless Steel 420	1.6/2.0/3.17 mm	1.0 kg	4.5 kg	<ul style="list-style-type: none"> Wear Resistance Reclamation
PT-85SS	Stainless Steel 316	1.6/2.0/3.17 mm	1.0 kg	4.5 kg	<ul style="list-style-type: none"> Dimensional Restoration Corrosion Protection
PT-80SS	Stainless Steel 304	1.6 mm	1.0 kg	4.5 kg	<ul style="list-style-type: none"> Dimensional Restoration Corrosion Protection
PT-79NA	Nickel aluminium 80/20	1.6/2.0 mm	1.1 kg	4.5 kg	<ul style="list-style-type: none"> High Temperature Oxidation Abrasion Resistance Bond Coat
PT-80NA	Nickel aluminium 95/5	1.6/2.0 mm	1.1 kg	4.5 kg	<ul style="list-style-type: none"> Bond Coat Abrasion Resistance
PT-95ICBS	Iron Chrome Boron Silicon	1.6 mm	1.2 kg	3.6 kg	<ul style="list-style-type: none"> Boiler Tubes Corrosion & Wear Protection
PT-012AZ	Zinc Aluminium 85/15	1.6/2.0/3.17 mm	0.98 kg	9.5 kg	<ul style="list-style-type: none"> Anticorrosion
PT-625INC	Nickel Chrome Molybdenum	1.6/2.0 mm	1.0 kg	5.0 kg	<ul style="list-style-type: none"> Prohibits Caustic Corrosion



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Parat is committed to continuous improvement, specifications, appearance and dimensions are subjected to change without notice.

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