

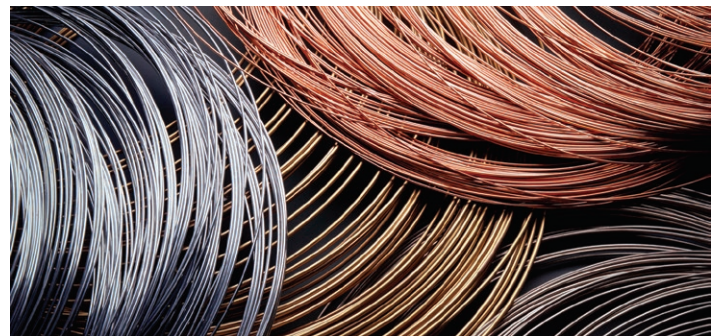
# Material product flyer

## Electric Arc and Combustion Wire Product Portfolio

Oerlikon Metco thermal spray wires have high quality standards exclusively approved for Thermal Spray, as evidenced by our ISO 9001, ISO 14001 and Nadcap quality system certifications, ensures our products meet stringent requirements, with excellent reliability and lot-to-lot consistency. The scope of our material offerings for the Combustion Wire Thermospray™ and the Electric Arc Wire processes includes wire materials for:

- Corrosion control
- Wear resistance
- Machine element repair
- Bond coats for other coatings
- Electrical conductance
- Decorative surfaces
- ... And much more!

Whether your thermal spray wire material needs are large or small, you can depend on Oerlikon Metco to deliver quality products that perform.



Product	Nominal chemistry	Form										Process		
			15 ga	14 ga	1.6 mm	2.0 mm	11 ga	2.5 mm	3.0 mm	1/8 in	4.0 mm		3/16 in	
<b>Aluminum based</b>														
Metco Aluminum	Al 99+	●	●	●	●	●	●	●	●	●	●	●	⚡	🔥
Metco AlMg	Al 5Mg	●					●						⚡	
Metco SF Aluminum	Al 6Si	●									●			🔥
Metco SF-NS Aluminum	Al 6Si	●									●			🔥
<b>Copper based</b>														
Metco Copper	Cu 99.8+	●	●								●		⚡	🔥
Sprabronze AB	Cu 8Al	●	●										⚡	
Sprabronze AA	Cu 9Al 1Fe	●	●								●		⚡	🔥
Sprabronze S	Cu 6Sn	●	●										⚡	
<b>Iron based</b>														
Metcoloy 2	Fe 13Cr 0.5Mn 0.5Ni 0.25Si	●	●										⚡	
Metcoloy 4	Fe 17Cr 12Ni 2.5Mo 2Mn 1Si 0.08C	●	●								●		⚡	🔥
Metcoloy 5	Fe 18Cr 8.5Mn 5Ni 1Si 0.15C	●	●								●		⚡	🔥
Sprasteel 11	Fe 1.63Mn 1Si 0.07C	●	●										⚡	

● Solid Wire (alloyed or pure metal) ● Cored Wire ⚡ Electric Arc Wire 🔥 Combustion Wire Thermospray

Product	Nominal chemistry	Form											Process
			15 ga	14 ga	1.6 mm	2.0 mm	11 ga	2.5 mm	3.0 mm	1/8 in	4.0 mm	3/16 in	
<b>Iron based continued</b>													
Sprasteel 80	Fe 0.7Mn 0.8C	●		●							●		⚡ 🔥
Metco X28	Fe 31Ni 27Cr 4Mo1.75Mn 1.1Cu	●		●									⚡
Metco 8236	Fe 25Cr 5Al 0.25C 0.25Si	●		●									⚡
Metco 8207	Fe Al B Mn Si C - Proprietary	○			●								⚡
Metco 8222	Fe 28Cr 5C 1Mn	○		●									⚡
Metco 8230	Fe 0.8Mn 0.2Si 0.15C	○		●									⚡
Metco 8237	Fe 28Cr 5C 5B 0.6Si 0.3Mn	○		●									⚡
Metco 8280	Fe Cr Nb Ni B Al Mn Si - Proprietary	○			●								⚡
Metco 8293	Fe Ni Cr Si Al Mn - Proprietary	○			●								⚡
Metco 8294	Fe Cr Ni C Al V Mn Si - Proprietary	○			●								⚡
Metco 8295	Fe 32Cr 4.4B 2.4Mn 2.4Si	○		●									⚡
Metco 8297	Fe 26WC 13Cr 6TiC 6Ni 2B 1Si	○		●									⚡
<b>Nickel based</b>													
Metco Nickel	Ni 99.0+	●									●		⚡ 🔥
Metco NiCu	Ni 30Cu	●		●							●		⚡ 🔥
Metcoloy 33	Ni 22.5Fe 16Cr 1.5Si	●									●		⚡ 🔥
Metco 8276	Ni 16Mo 15Cr 6Fe 4W 0.5Mn	●		●									⚡
Metco 8400	Ni 5Al	●		●									⚡
Metco 8448	Ni 3Ti	●		●									⚡
Metco 405A	Ni 20Al	○									●		⚡ 🔥
Metco 8405	Ni 20Al	○		●									⚡
Metco 8443	Ni 20Cr 7Al	○		●									⚡
Metco 8447	Ni 5.5Al 5Mo	○		●									⚡
Metco 8450	Ni 20Cr	○		●									⚡
Metco 8452	Ni 50Cr	○		●									⚡
Metco 8453	Ni Cr Mo Si Al Ti - Proprietary	○			●								⚡
Metco 8625	Ni 21Cr 9Mo 4(Ta+Nb)	●		●									⚡
<b>Silver based</b>													
Metco Silver	Ag 99.95+	●						●					⚡ 🔥
Metco 8526	30Ag 38Cu 32Zn	●						●		●			⚡ 🔥
<b>Tin based</b>													
Metco Tin	Sn 99.9+	●								●			⚡ 🔥
Sprababbitt A	Sn 7.5Sb 3.5Cu 0.25Pb	●		●				●		●	●		⚡ 🔥
<b>Zinc based</b>													
Metco Zinc	Zn 99.9+	●	●	●	●	●	●	●	●	●	●	●	⚡ 🔥
Metco ZnAl	Zn 15Al	●		●	●	●		●	●	●			⚡ 🔥

● Solid Wire (alloyed or pure metal) ○ Cored Wire ⚡ Electric Arc Wire 🔥 Combustion Wire Thermospray

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