

# MetcoAdd™ & MetcoMed™ Metal Powder Portfolio for Additive Manufacturing

## What We Offer:

- Metal powder portfolio specifically developed, tested and produced for additive manufacturing applications
- In-house metal powder production using inert gas atomization (IGA) or vacuum induction melting (VIM)
- High purity, chemically homogeneous, spherical powders with high packing density and excellent flow properties
- Particle size distributions optimized for AM processing
- Excellent lot-to-lot consistency and reliability
- New composition development for large-volume customers

## Our Advantages:

- Over 85 years of material development and production for customers and markets with critical applications
- R&D centers for testing and process parameter optimization on a variety of in-house AM metal printing machines
- Global sales and logistics network
- Nadcap-certified quality lab facilities
- Material traceability
- Customer-specific packages upon request

| Base     | Product                            | Nominal Chemistry                          | Nominal Particle Size [µm] | Application  |
|----------|------------------------------------|--------------------------------------------|----------------------------|--------------|
| Nickel   | MetcoAdd 718C                      | Ni 18Cr 18Fe 5(Nb+Ta) 3Mo 1Ti 0.6Al        | -45 +15                    | LB-PBF, CSAM |
|          | MetcoAdd 718F                      |                                            | -106 +45                   | DED, EB-PBF  |
|          | MetcoAdd 738LC-A                   | Ni 17Cr 7(Al+Ti) 9Co 0.1C 2Mo 1.5Ta 0.06Zr | -45 +15                    | LB-PBF       |
|          | MetcoAdd 625A                      | Ni 21Cr 9Mo 4Fe 4(Nb+Ta) 0.4Al 0.4Ti       | -45 +15                    | LB-PBF, EHLA |
|          | MetcoAdd 6022A                     | Ni 22Cr 14Mo 3Fe 3W                        | -53 +20                    | LB-PBF, CSAM |
|          | MetcoAdd HX-D                      | Ni 21Cr 18Fe 9Mo                           | -45 +15                    | LB-PBF       |
|          | MetcoAdd HX-L                      |                                            | -53 +20                    | LB-PBF       |
|          | MetcoAdd H23X-A                    | Ni 22Cr 2Mo 14W 0.35Al 0.03La              | -45 +15                    | LB-PBF       |
|          | MetcoAdd NiCP-A                    | Pure Ni                                    | -53 +15                    | LB-PBF, CSAM |
|          | MetcoAdd 939-A (Available Q2 2025) | Ni 22Cr 19Co 3.7Ti 2W 1.9Al 1.4Ta 1Nb      | -53 +20                    | LB-PBF       |
| Cobalt   | MetcoAdd 75A                       | Co 28Cr 6Mo                                | -45 +10                    | LB-PBF       |
|          | MetcoAdd 76A-1                     |                                            | -45 +15                    | LB-PBF       |
|          | MetcoMed CoCr F75-A                | Co 28Cr 6Mo Ni<0.1                         | -45 +15                    | LB-PBF       |
|          | MetcoAdd MM509-A                   | Co 10Ni 24Cr 7W                            | -45 +15                    | LB-PBF       |
| Iron     | MetcoAdd 316L-A                    | Fe 18Cr 12Ni 2Mo 0.02C                     | -45 +15                    | LB-PBF, CSAM |
|          | MetcoAdd 316L-D                    |                                            | -106 +45                   | DED, EB-PBF  |
|          | MetcoAdd 15-5PH-A                  | Fe 15Cr 4.5Ni 3.5Cu 0.3Nb 0.07C            | -45 +15                    | LB-PBF       |
|          | MetcoAdd 15-5PH-B                  |                                            | -90 +45                    | DED, EB-PBF  |
|          | MetcoAdd 17-4PH-A                  | Fe 17Cr 4.5Ni 4Cu 0.3(Nb+Ta) 0.07C         | -45 +15                    | LB-PBF       |
|          | MetcoAdd 17-4PH-D                  |                                            | -106 +45                   | DED, EB-PBF  |
|          | MetcoAdd C300-A                    | Fe 18Ni 9Co 5Mo                            | -45 +15                    | LB-PBF       |
|          | MetcoAdd H13-A                     | Fe 5Cr 1Mo 1Si 1V 0.4C                     | -45 +15                    | LB-PBF       |
|          | MetcoAdd H13-B                     |                                            | -90 +45                    | DED, EB-PBF  |
| Titanium | MetcoMed Ti-64 G23-C               |                                            | -53 +20                    | LB-PBF       |
|          | MetcoAdd Ti-64 G23-E               | Ti 6Al 4V                                  | -106 +45                   | DED, EB-PBF  |
|          | MetcoAdd Ti-64 G5-B                |                                            | -63 +20                    | LB-PBF       |

Talk to us about your AM material challenges!