

WORLD CLASS METAL POWDERS

Innovative and Advanced Metallurgical Technology

ESTABLISHED 1970
LOCATION Eighty Four, Pennsylvania
25 miles south of Pittsburgh
EMPLOYEES 100
PRODUCTS Specialty Metal Powders

- Stainless steel alloys
- Nickel base alloys
- Copper base alloys
- Cobalt base alloys
- Custom and proprietary alloys

SOLUTIONS FOR

- Corrosion problems
- Wear and abrasion
- Magnetic property needs
- Precision filtration
- High temperature components

CUSTOMER SERVICE AND TECHNICAL SUPPORT
Superior customer service and technical support, and on-time delivery are AMETEK'S highest priorities. We design our manufacturing and stocking programs for each individual customer.

PRODUCTS AND APPLICATIONS

POWDER METALLURGY (P/M) MOTOR VEHICLE SERIES ALLOYS

- MVS410L
- MVS430L
- MVS434L
- MVS409CB

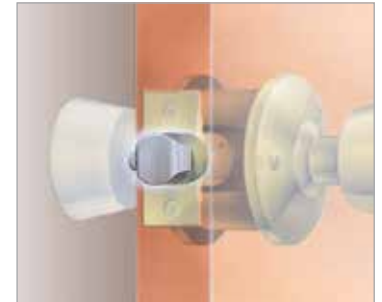
STAINLESS STEEL ALLOYS

- P303L
- P304L
- P316L
- Ultra 303L
- Ultra 304L
- Ultra 316L

Applications include lock hardware, appliance parts, exhaust system components and many more.



P/M flanges for auto exhaust systems.



P/M part using ultra stainless powders.

THERMAL SPRAY MARKET

- STAINLESS STEEL ALLOYS
- COPPER-NICKEL ALLOYS
- NICKEL AND NICKEL BASE ALLOYS
- NICKEL-CHROME ALLOYS

Applications include oil field equipment, glass molds, agricultural equipment and many more.



Sucker rod coupling hardfaced with AMETEK PF 60 nickel alloy powder.



Powder sizes for all torch configurations make spraying hardfacing powders easier.

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METAL INJECTION MOLDING MARKET

Recognizing the need for superfine powders for injection molding and other industry requirements, AMETEK has developed a proprietary method of producing and processing fine metal powders down to 10 microns. Special size distributions are available on a custom basis.



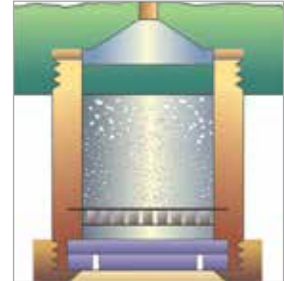
POLYESTER SPINNING MARKET

Achieving the highest quality fibers in textile manufacturing requires selecting the right filtering medium in the spin pack. Unlike sand or glass, the irregular shapes of metal powders are extremely effective at shearing polymer microgels, as well as removing contamination from the polymer melt.

Applications include polyester and nylon fiber production.



AMETEK P316L stainless steel filter powder screened to precise mesh sizes for optimum spinning quality and throughput.



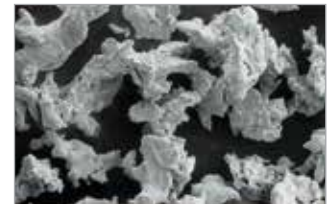
SINTERED FILTER-GRADE POWDERS

Precision chemical filtration in extremely corrosive environments, including petrochemical, pharmaceutical and semiconductor production, can be achieved using corrosion-resistant stainless steel and high-strength nickel powders.

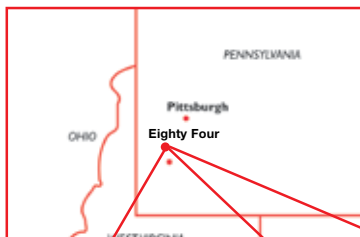
All of our filter grade powders are specially atomized to give the highly irregular shape required for precise filtration. Our expertise in achieving narrow particle size ranges and desired shapes allows the filter producer to design ideal pore structures.



Sintered stainless steel filters.



Metal powder — 30/60 mesh magnified 25 times.



Directions to AMETEK from Pittsburgh International Airport

1. Start out going north on Airport Blvd. – **0.6 mi**
2. Turn slight left toward Airport Exit/Return to Terminal/Hotel Parking. – **0.9 mi**
3. Merge onto I-376 E toward Pittsburgh/Pennsylvania Turnpike East/I-79. – **10.3 mi**
4. Merge onto I-79 S via EXIT 64A toward Washington. – **15.9 mi**
5. Take the PA-519 exit, EXIT 43, toward Houston/Eighty Four. – **0.3 mi**
6. Turn right onto Hill Church Houston Rd/PA-519. – **1.2 mi**
7. Turn slight right onto PA-519/Route 519. PA-519 is 0.3 miles past Acme Rd. – **4.8 mi**
8. **1085 ROUTE 519.**

AMETEK[®]
SPECIALTY METAL PRODUCTS

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