

Fedtech Materials List

Stainless Steels

13-8 PH Stainless Steel
 15-5 PH Stainless Steel
 17-4 PH Stainless Steel
 17-7 PH Stainless Steel
 18-8 Stainless Steel
 301 Stainless Steel 1/4 hard
 301 Stainless Steel 1/2 hard
 301 Stainless Steel full hard
 302 Stainless Steel
 303 Stainless Steel
 304 Stainless Steel
 304L Stainless Steel
 309 Stainless Steel
 310 Stainless Steel
 316 Stainless Steel
 316L Stainless Steel
 317 Stainless Steel
 321 Stainless Steel
 330 Stainless Steel
 347 Stainless Steel
 409 Stainless Steel
 410 Stainless Steel
 416 Stainless Steel
 420 Stainless Steel
 430 Stainless Steel
 440C Stainless Steel Duplex
 2205
 Nitronic 50 Stainless Steel
 Nitronic 60 Stainless Steel
 Stainless Perforated Sheel
 Magnacut Powdered Knife
 CPM S35VN martensitic SST

Ballistic/Armor Plating HH

H480
 H4100
 HSLA 100
 AR200
 AR235
 AR400
 AR450
 AR500

 Endura
 Bullet-Proof Glass
 HY-80
 HY-100
 Domex 110
 XF HSLA
 RHA/Mil-DTL-12560
 RHA/Mil-DTL-12560
 HH/Mil-DTL-12560
 HH/Mil-DTL-46100
 Hardox 400
 Hardox 450
 Hardox 500
 Hardox 550
 Hardox 600

Carbon Steels

A36
 A786
 A1008
 A1011
 A1018
 A1045
 A1075
 A1095
 A514-T1
 A516
 A588
 A606
 A656 grade 80
 A572 grade 50
 A830
 4130
 4140
 4340
 1094-1095
 Expanded Metal
 Perforated Metal
 Tool Steels

Miscellaneous Metal

Galvanized Steel Sheets
 Aluminized Steel Sheets

Aluminum

1100
 2024
 3003
 5052
 5083
 5086
 6061
 7070
 7075
 Honeycomb
 Mic-6 Tooling Plate

Exotic Alloys

A-286 Nickel
 625 Nickel
 718 Nickel
 Hastelloy
 Haynes 282
 Inconel
 Monel
 Nickel-chromium
 Rene 41
 Rene 88
 Rene 95
 Titanium
 Waspalloy
 Molybdenum
 Niobium
 Tantalum
 Magnesium
 Rhenium
 Cobalt
 Nickel Copper
 Invar
 CPM 154
 154CM
 CPM3V
 CTS-BD1
 PD#1
 CTS-204P
 PSB27
 H13
 420 ESR
 PSB67
 M2
 H21
 M42
 M50

Copper Alloys

90/10 Copper Nickel
 101 Copper
 110 Copper
 145 Copper
 Copper
 Silver Copper
 Copper Nickel

Brass Alloys

230 Brass Red
 260 Brass
 280 Brass Muntz
 330 Brass
 353 Brass
 360 Brass Free Machining
 385 Brass
 443 Admiralty Brass
 464 Brass Naval
 485 Brass

Bronze Alloys

C54400
 C61400
 C63000
 C63020
 C63200
 C64200
 C65500
 C67410
 C87850
 C90300
 C95400
 C95900
 C96900
 Nickel Aluminum Bronze

Flexible Materials

A-286 Nickel
 Garlok
 Garolite

Rubber
 Buna-N Rubber
 EPDM Rubber
 Foam Rubber
 Gum Rubber
 Natural Rubber
 Neoprene Rubber
 SBR Belting
 Poron
 Polyurethane Rubber
 SantoPrene
 SBR Rubber
 Silicone Rubber
 Foam Rubber
 Urethane
 Vinyl
 Nitrile
 Viton
 Butyl

Plastics

ABS
 Acetron
 Acetal
 Acrylic
 Celazole
 Delrin
 Ertalon
 Ertalyte
 Flurosint
 HDPE
 Ketron
 Nylon
 Polycarbonate
 PTFE
 PVC
 Sanalite
 Semitron
 Techtron
 Teflon
 Tivar
 Torlon
 UHMW
 PEEK
 Ultem 1000
 Plexiglass
 Polyethylene
 Thermoplastics

Composites

Fiberglass
 FR4
 G10
 Graphite
 Kevlar
 Acrylic Carbon Fiber

Miscellaneous

Ceramic Tile
 Alumina Cermaic
 Zirconia Ceramic
 Porcelain
 Mica
 Stellite
 Alumina Ceramic
 Si-Nitride Ceramic
 Mullite Ceramic
 Zirconia Ceramic
 Glass-Mica Ceramic
 Alum Nitride Ceramic
 Glass Ceramic
 Glass
 GP0-3
 Granite
 Limestone
 Marble
 Quartz
 Sandstone
 Slate
 Felt
 Gatorboard
 Galvanneal
 Zinc
 Cork
 Mesh
 Bonded Material
 Cast Iron
 Mylar Laminates
 Cardboard
 Hardwoods
 Wood
 MDF
 Honeycomb
 VCT Tile
 LVT Tile
 Linoleum