

# 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 Sheet

## 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

## 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