

NEW IMAGE PLASTICS

Thermoplastic Rod Manufacturer

New Image Plastics Mfg is a leading global producer of advanced specialty welding rod and welding profiles.

We offer Virgin high performance polymers, formulations & chemical additives to serve a broad range of applications. Our products are used in major markets, including consumer specialties, industrial, commercial, construction, food, medical and more.

Customers rely on our technical expertise to improve their products, lower their cost and provide real-time solutions. On time deliveries and top notch void free products you can always rely on.

Real time quality control charts, Required ISO paperwork, manufacturer certifications are available. Let our capable export team handle all of your overseas requirements.

Time T ested Experience

Time T ested Welds



- 5 lb. Coils
- 10 lb. Coils
- 10 lb. Spools
- 30 lb. Spools
- Or any length you require



Thermoplastic Types Extruded

(PA) Polyamides Nylon (6)(6.6)(11)

(CA) Cellulose Acetate

(CAB) Cellulose Acetate Butyrate

(PVC) Polyvinyl Chloride

(HDPE) High Density Polyethylene

(HMW) High Molecular Weight Polyethylene

(UHMW) Ultra High Molecular Weight Polyethylene

(LDPE) Low Density Polyethylene

(LLDPE) Linerar Low Density Polyethylene

(ULLDPE) Ultra low Density Polyethylene

(MDPE) Medium Density Polyethylene

(HPP) Homopolypropylene

(CPP) Copolypropylene

(TPU) Thermoplastic Urethane

(PETG) Polyethylene Terephthalate-Glycol Modified

(ABS) Acrylonitrile Butadiene Styrene

(HIPS) High Impact Polystyrene

(FPVC) Flexible PVC

(PVDF) Polyvinylidene Fluoride

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Thermoplastic Extrusion Products & Services

Thermoplastic Extrusion Products and Services

- * Custom Grinding
- * Blanket Ordering
- * Welding Triangle Shapes
- * .020 Micro Rod
- * 1 1/2 Extruded Rod
- * Custom Profiles
- * Bar Stock Shapes
- * Double-Bar Rod
- * Cap Strip / Ribbon Strip
- * Custom Colors / Color Matching
- * Hot Plate/Extrusion/Hand Welding
- * In-Line Embossing
- * Drilling, Punching, Cutting
- * Part Assembly
- * Post Extrusion Operations
- * Game Pieces & Specialty Rods
- * Specialty Compound Extrusions
- * Engineered Resin Extrusions
- * New Product Development
- * Member Society of Plastics Engineers
- * Statistical Process Control Certified
- * Over 32 Years of Combined Experience
- * Prototypes / Tooling Development
- * Design & Production
- * Process Development & Material Selection



Custom Dies Available

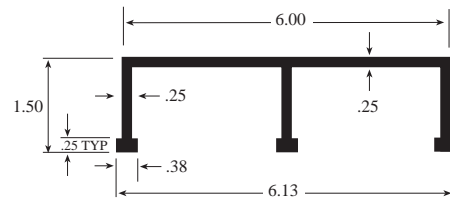
Extrusion Welding Rods and Strips

- * Thermoplastic Rod Stock Shapes
- * On Time Deliveries
- * Mouldings
- * Flexible Extrusions
- * Industrial /Commercial Floor Seaming Rod

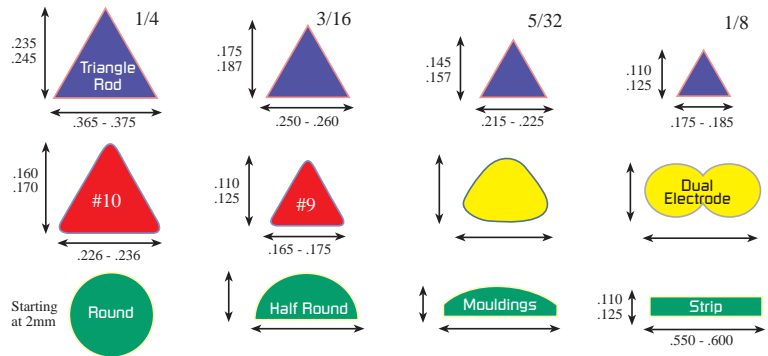
Estimated Yield Guide

	1/8	5/32	3/16
PVC	135	90	62
CPVC	115	75	52
HDPE	200	130	88
LDPE	200	130	88
LLDPE	200	130	88
HPP	210	135	90
CPP	210	135	90
PVDF	100	66	45
PETG	140	92	62
PU	165	110	77
ABS	180	115	80
Nylon	150		

Choose from
 • 5 lb Coils
 • 10 lb Coils
 • 10 lb Spools
 • 30 lb Spools
 Or any length you require



1506 Embedment Channel



ABS	acrylonitrile-butadiene-styrene	PBT	polybutylene terephthalate = PTMT
ASA	acrylate-styrene-acrylonitrile	PC	polycarbonate
ATH	aluminium trihydrate	PE	polyethylene
BDS	butadiene-styrene block copolymer	PEBA	polyether block amide
BMC	bulk moulding compound	PEEK	polyetheretherketone
BOPP	biaxially oriented polypropylene	PEEL	polyester elastomer
BR	butadiene rubber	PEI	polyester imide
CA	cellulose acetate	PEK	polyetherketone
CAB	cellulose acetate-butyrate	PES	polyether sulphone
CAP	cellulose acetate propionate	PETP	polyethylene terephthalate
CE	cellulose	PETG	PET copolymer
CMC	carboxymethyl cellulose	PF	phenol formaldehyde
CN	cellulose nitrate	PFA	perfluoro alkoxy alkane
CP	cellulose propionate	PHB	polyhydroxybutyrate
CSM	chopped strand mat (or) chlorosulphonated polyethylene (rubber)	PI	polyimide
DMC	dough moulding compound	PIR	polyisocyanurate rigid (foam)
TPX	polymethyl pentene copolymer	PMMA	polymethyl methacrylate
UHMWPE	ultra high molecular weight PE	PMP	polymer methyl pentene
VCM	vinyl chloride monomer = VC	POM	polyoxymethylene
ECTFE	ethylene chlorotrifluoro ethylene copolymer	PP	polypropylene
EPDM	ethylene-propylene-diene monomer (elastomer)	PPE	polyphenylene ether
EPM	ethylene-propylene rubber = EPR	PPO	polyphenylene oxide
EPR	ethylene-propylene rubber = EPM	PPS	polyphenylene sulphide
EPS	expanded polystyrene	PPSS	polyphenylene sulphide sulphone
EVA	ethylene vinyl acetate	PS	polystyrene
EVOH	ethylene vinyl alcohol	PSU	polysulphone
FEP	fluorinated ethylene-propylene	PTFE	polytetrafluoroethylene
FRP	fibre reinforced polyester/plastics	PTMT	polytetramethylene terephthalate = PBT
GMT	glass mat thermoplastic	PUR	polyurethane
GPPS	general purpose polystyrene	PVA	polyvinyl acetate
GRP	glass reinforced plastic	PVB	polyvinyl butyral (butyrate)
HDPE	high density polyethylene	PVC	polyvinyl chloride
HEMA	hydroxyethyl methacrylate polymer	PVCC	chlorinated polyvinyl chloride
HIPS	high impact polystyrene = TPS	PVCP	polyvinyl chloride plasticised
LCP	liquid crystal polymer = SRP	PVCU	polyvinyl chloride unplasticised
LDPE	low density polyethylene	PVDC	polyvinylidene chloride
LLDPE	linear low density polyethylene	PVDF	polyvinylidene flouride
MBS	methacrylate-butadiene-styrene terpolymer	PVF	polyvinylflouride
MDPE	medium density polyethylene	PVOH	polyvinyl alcohol
MF	melamine formaldehyde	SAN	styrene acrylonitrile (copolymer)
NBR	nitrile rubber = acrylonitrile butadiene rubber	SBR	styrene butadiene rubber
NR	natural rubber	SBS	styrene-butadiene-styrene (block copolymer)
OPP	oriented polypropylene	SEBS	styrene-ethylene-butadiene-styrene
PA	polyamide = nylon	SIS	styrene-isoprene-styrene
PAA	polyaryl amide	SMA	styrene maleic anhydride
PA 6	nylon 6	SMC	sheet moulding compound
PA 66	nylon 66	SRP	self reinforcing polymer = LCP
PA 46	nylon 46	TPE	thermoplastic elastomer
PA 610	nylon 610	TPO	thermoplastic olefin (rubber)
PA 66/610	nylon 66/610 copolymer	TPR	thermoplastic rubber
PA 11	nylon 11	TPS	toughened polystyrene = HIPS
PA 12	nylon 12	TPU	thermoplastic polyurethane (rubber) = TPUR
PAI	polyamide imide	TPUR	thermoplastic polyurethane (rubber) = TPU
PAN	polyacrylonitrile	UF	urea formaldehyde
PB	polybutylene	VC	vinyl chloride = VCM
		XLPE	cross-linked polyethylene



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