

Ensinger Thin Gauge Materials & Capabilities

Nylon - Polyamide	Coils and Strips	Sheets 2' x 4'	Sheets 4' x 8'
Nylatron® GS	.010 to .125	.031 to .250	.062 to .250
Pennite® 4508 Nylon 6 Black 15% GF	.015 to .062	.031 to .250	.062 to .250
Pennite® 4512 Nylon 6 Black 12% GF	.015 to .062	.031 to .250	.062 to .250
TECAMID® 66 Black (Nylon 2% Carbon Bk)	.010 to .125	.031 to .250	.062 to .250
TECAMID® 66 GF13, GF33 (Nylon 6/6 13% & 33%)	.015 to .062	.031 to .125	NA
TECAMID® 66 HS MO molly filled Nylon	.010 to .125	.031 to .250	.062 to .250
TECAMID® 66 HS Nylon Nat & Black	.010 to .125	.031 to .250	.062 to .250
TECAMID® 66 MO molly filled Nylon	.010 to .125	.031 to .250	.062 to .250
Vydyne®66A Nylon 6/6 Nat, Black & Colors	.010 to .125	.031 to .250	.062 to .250
TECAMID® 66 Nylon MDS 13% & 33% Glass	.015 to .062	.031 to .125	NA
TECAMID® 66 ST Nylon ST 801 HS Nat & Black	.010 to .062	.031 to .062	NA
TECAMID® 66 ST Nylon ST 801 Nat & Black	.010 to .062	.031 to .062	NA
TECAMID® Nylon ST 801AW BK-195	.010 to .062	.031 to .062	NA
Vydyne® 66R Nat, Black & Colors	.010 to .062	NA	NA

POM - Acetal Polyoxymethylene	Coils and Strips	Sheets 2' x 4'	Sheets 4' x 8'
TECAFORM® AD (Delrin® Nat, Black & Colors)	.010 to .125	.031 to .250	.062 to .250
TECAFORM® AD AF (Delrin® AF - 13%)	.020 to .093	.031 to .250	NA
TECAFORM® AH Acetal Nat, Black & Colors	.010 to .125	.031 to .250	.062 to .250
TECAFORM® AH Black (Acetal 2% Carbon Black)	.010 to .125	.031 to .250	.062 to .250
TECAFORM® AH ESD Acetal Nat & Black	.020 to .062	.031 to .125	NA

PEI - Polyetherimide	Coils and Strips	Sheets 2' x 4'	Sheets 4' x 8'
TECAPEI™ GF30 Ultem® 2300 GF PEI	.020 to .062	.040 to .062	NA
TECAPEI™ Ultem® HU1000 PEI	.010 to .062	.040 to .156	NA

PEEK - Polyetheretherketone	Coils and Strips	Sheets 2' x 4'	Sheets 4' x 8'
TECAPEEK® CMF PEEK	.020 to .062	.062 to .125	NA
TECAPEEK® GF30 PEEK 30% GF	NA	.040 to .062	NA
TECAPEEK® PEEK Nat	.020 to .062	.040 to .187	NA

PBT - Polybutylene Terephthalate	Coils and Strips	Sheets 2' x 4'	Sheets 4' x 8'
60/40 PC_ PBT w/ 5% Imp. Modifier (various colors)	.015 to .062	.031 to .125	NA
Celanex® 1700A Modified Nat PBT	.010 to .093	.031 to .125	NA
Celanex® 2016 - V0 PBT	.010 to .093	.031 to .125	NA
HYDEX® 4101 Nat & Black (PBT 1700A)	.010 to .093	.031 to .125	NA

PE - Polyethylene	Coils and Strips	Sheets 2' x 4'	Sheets 4' x 8'
TECAFINE® HDPE Nat, Black & Colors	.010 to .125	.031 to .125	NA
TECAFINE® LDPE Nat, Black & Colors	.010 to .125	.031 to .125	NA
UHMW PE	.015 to .125	NA	NA

PP- Polypropylene	Coils and Strips	Sheets 2' x 4'	Sheets 4' x 8'
Pennite® LGFR 10% to 40% Nat & Black	.010 to .125	.031 to .125	.062 to .125
TECAFINE® PP GF10 Polypro 10% GF Nat & Black	.010 to .125	.031 to .125	.062 to .125 (3'X8')
TECAFINE® PP GF15 Polypro 15% GF Nat & Black	.010 to .125	.031 to .125	.062 to .125 (3'X8')
TECAFINE® PP GF20 Polypro 20% GF Nat & Black	.010 to .125	.031 to .125	.062 to .125 (3'X8')
TECAFINE® PP Polypro Nat, Black & Colors	.010 to .125	.031 to .125	.062 to .125 (3'X8')

PET - Polyethylene Terephthalate	Coils and Strips	Sheets 2' x 4'	Sheets 4' x 8'
Mylar® A PET	.005/.0075/.010/.014	NA	NA
PETG	.020 to .062	.031 to .125	NA
Polyester	.005/.0075/.010/.014	NA	NA
TECAPET™ PET	.020 to .062	NA	NA
TECAPET™ PET (Melinex® PET)	.005/.0075/.010/.014	NA	NA

TPC-ET- Thermoplastic Polyester Elastomers	Coils and Strips	Sheets 2' x 4'	Sheets 4' x 8'
Hytrel® TPC-ET 4056	.020 to .062	.062 to .125	NA
Hytrel® TPC-ET 5555HS, 5556, 7246	.010 to .125	.031 to .125	NA

Other	Coils and Strips	Sheets 2' x 4'	Sheets 4' x 8'
HIPS Nat & Black	.015/.020/.031/.040/.062	NA	NA
PTFE	.005 to .125	NA	NA
TECANAT® Polycarbonate Nat & Black	.010 to .062	NA	NA
TECANYL® PPO (Noryl™ EN 265-701 Black PPO)	.010 to .062	.031 to .125	NA
TECARAN™ ABS Nat, Black & Colors	.010 to .125	.031 to .250	.062 to .187
TECASON® S Polysulfone Nat & Black	.010 to .062	.040 to .125	NA
TECATRON® GF40 PPS 40% GF Nat & Black	.015 to .062	.031 to .250	NA
Vulcanized Fibre (Black, White, Red, Gray)	.010 to .093	NA	NA

Extruded Cast	Coils and Strips
TECAFINE® LDPE Nat	.010 to .031
TECAFINE® PP Polypro Nat	.010 to .031
TECAFORM® AD (Delrin® Nat, Black & Colors)	.010 to .025
TECAFORM® AH Acetal Nat, Black & Colors	.010 to .025
TECAMID® 66 Nylon 6/6 Nat	.010 to .025

All numbers indicate thickness in inches
NA = Not Applicable (call for inquiry)

Washers, punched parts, and CNC parts can be produced in-house using any of the above materials.

Width of Coils vary with thickness

.010" to .014" thick 11.5" wide max

.015" to .019" thick 12" wide max

.020" to .125" thick 24" wide max

Other Coils exceptions to maximum width

HIPS 12" except .040 NAT at 15" & .040 BLK at 13" wide

Mylar / Melinex / Polyester at 12" wide coils

PTFE 12" except .078" at 18" wide coils

UHMW 12" except .093" at 18" wide coils

Vulcanized Fibre 15" to 17" wide coils

Extruded Cast products up to 22" wide max

Slit Coils available from .250" up to width of master coil

Minimum quantities and lead-times vary

Ensinger Thin Gauge may be capable of producing other materials that are not listed above.

Please contact our sales team with any questions.

221 South Church Street *Greenwood, DE 19950 Tel. 1-800-662-7366 EPFsales@ensingerusa.com

Registered trade names on this publication:

Vydyne® - Ascend

Celanex®, - Celanese

Delrin®, Hytrel®, Melinex®, Mylar® - Dupont

TECAFINE™, TECAFLON™, TECAFORM™, TECAMID™, TECANAT™, TECANYL™, HYDEX® - Ensinger

TECAPEEK™, TECAPEI™, TECAPET™, TECARAN™, TECASON™, TECATRON™ - Ensinger

Pennite® - Ensinger

Nylatron® - MCAM

Noryl™, Ultem™, - Sabic

