

Product Information

## 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.

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### 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

