CAPABILITIES

Being able to combine high quality material with top of the line technology allows us to enhance the quality and marketability of our client’s end product.

CS Hyde uses current good manufacturing practices that help provide a clean work environment in the manufacturing and distribution of our products. Our quality control team reviews our manufacturing process to guarantee we are producing products that exceed standards of excellence.

PRODUCTS:

SLIT TO WIDTH ROLLS
SHEETS
PROTOTYPE PARTS
DIE CUT PARTS
GASKETS
CUSTOM LAMINATION
KITS
BELTS

DIE-LESS SPECS:
• Abilities to cut custom and standard parts without a die.
• Can cut material up to 60"x60".
• Thickness range: up to .75" (19mm)
• Perfect for rapid prototyping, with fast turnaround on parts.

SLITTING SPECS:
• Slitting services feature the use of high-speed, computerized, top of the line slitting equipment.
• We can maintain super-tight tolerances of (±) 1/32" or tighter depending on the material.
• We can slit substrates with or without adhesives.
• Capable of producing cut rolls from .125" wide up to 60", and ranging from .0005" to .060" in thickness.

DIE-CUTTING SPECS:
Width:
Max (cut to liner): 10in (254mm)
Max (thru cut): 19in (482.36mm)
Length:
Max (cut to liner): 12 in (304.8mm)
Max (thru cut): 30in (762mm)
Thickness:
Max (Cut to liner): .020in (.508mm)
Max (thru cut): .125in (3.175mm)
Tolerances: ±.015 in

LAMINATION SPECS:
Pressure Lamination
Max width: 60 in (1524mm)
Thickness:
Min: .001 in (.0254 mm)
Max: 1 in (25.4 mm)
**PTFE Tapes made with Teflon™ Fluoroplastic**
- Conformable White PTFE Tape
- Double sided PTFE Tape
- “FAT” PTFE Tape
- FEP Optically Clear Tape
- FST Tape made with Teflon™
- Para-Aramid (Kevlar®) PTFE Tape
- Rulon® Tape w/ adhesive
- Skived High Bond Tape w/ adhesive
- Skived High Density Tape
- Skived PTFE Tape
- Standard grade PTFE Coated Fiberglass
- Super Smooth Tape
- TFL Red Extended Life Tape
- Ultra Premium PTFE Coated Fiberglass

**Optically/Transparent Clear Tapes**
- FEP (Optically Clear Teflon Tape)
- PET (Type OC)
- Polycarbonate w/ Adhesive

**UHMW Tapes**
- (Black) Anti-Static UHMW
- UHMW High bond Tape
- UHMW- Acrylic Adhesive
- UHMW- Rubber Adhesive

**Double sided Tapes**
- 3M™ VHB Tapes
- Double sided Fiberglass Tapes
- Double sided Kapton®
- Double sided PTFE Tape
- Hi-Stick Transfer Tape
- Polyurethane Mounting/Bonding Tape

**Speciality Tapes**
- Nylon 6/6 Film Strips w/ Adhesive
- Kapton® with adhesive
- PEEK Tape w/ Adhesive
- ULTEM® PEI w/ Adhesive
- PVDFStick PVDF Tape w/ Adhesive
- Thermally Conductive Tapes
- Acetal/POM Tape
- Para-Aramid (Kevlar®) PTFE Tape

**Other Tapes**
- Silicone Self-Fusing
- Silicone Strip N’ Stick
- Vinyl Tape
- Plasma Flame Spray Masking Tape
- High Stick Transfer
- Foil Tapes

CS Hyde Tapes can be slit to spec. Adhesive options include Acrylic, Silicone, or Rubber adhesive. Authorized 3M™ Choice Converter. FDA approved tape options available. Films also can be laminated with adhesive.
We stock many thin gauge films with high performance characteristics: Resistant to extreme temperature, chemicals & moisture; high dielectric strength and flexibility.

Low minimums of one lineal foot (in-stock items) make CS Hyde Company an ideal source for R&D, design, engineering, prototype, laboratories & universities. We are also a cost-effective supplier for high volume film customers. We can custom convert most film products: Slit widths, sheeting, die-cuts, and adhesive lamination.
### CS Hyde Company - High Performance Film Properties Guide

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FABRICS

- Black PTFE Coated Anti-Static Fabric
- Black Silk Charmuese Fabric
- Controlled Porosity PTFE
- Kevlar®
- Kevlar® & Fiberglass Aramid
- Porous PTFE Mesh Belting
- PTFE Coated Kevlar®
- Silicone Coated Fiberglass
- 1 Ply
- 2 Ply
- 3 Ply
- Tef-Lam PTFE Laminate

Our fabrics have a woven substrate of fiberglass, Kevlar®, Nomex®, silicone. Fabric is coated with PTFE or Silicone.

Laminates are fiberglass with a laminated layer of silicone and/or PTFE.

Excellent release properties, high temperature, chemical, moisture & tear resistance, dimensional & mechanical stability, low coefficient of friction and superior dielectric properties. Non porous. Up to 83” wide.

Minimums on Coated Fabrics can be as low as one square yard; Die Cuts, Custom parts, Sheets are also available.

VIEW FABRICS

SILICONE

- Silicone Self-Fusing Tape
- Silicone Coated Fiberglass
- Silicone Foam
- Silicone Sponge
- Commercial Grade
- Fiberglass Reinforced
- Flame Retardant
- Thermally Conductive
- Low Compression Set
- Solid Sheet
- Commercial Grade
- Electronically Conductive
- FDA Approved
- Fiberglass Reinforced
- Flame Retardant
- Fluorosilicone
- High-Strength
- High-Temperature
- Medical Grade
- Specification Grade
- Thermally Conductive
- Translucent
- Strip n’ Stick®

*All of these silicone products are sold by the *square yard, can be die-cut, slit or laminated with adhesive.

VIEW SILICONE