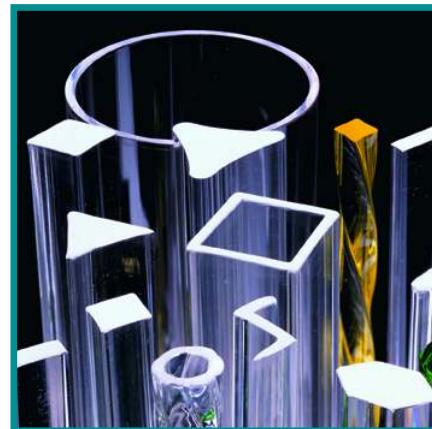


# EXCELON ACRYLIC®

## Extruded Tubes, Rods and Profiles



Available as:

- Round Tube
- Round Rod
- Square Rod
- Square Tube
- "J" Bar
- "W" Bar
- "Z" Bar
- Step Strip
- Rectangular Strip
- Spiral Twist Tube
- Spiral Twist Rod
- Right Triangle (Isosceles)
- Half Round
- Tri-Prism
- Equilateral Triangle
- Hexangle Rod
- Quad-Prism
- Cabochons
- Spheres

### TUBING TOLERANCES - O.D. & I.D.

1/8"	- 1 1/8"	.....	± .010"
1 1/4"	- 2 1/4"	.....	± .015"
2 1/2"	- 3"	.....	± .020"
3 3/4"	- 3 3/4"	.....	± .025"
4"	- 4 3/4"	.....	± .030"
5"	.....	.....	± .040"
5 3/4"	- 6"	.....	± .050"

### ROUND ROD TOLERANCES

1/16"	- 1/8"	.....	± .005"
3/16"	.....	.....	± .007"
1/4"	- 7/16"	.....	± .010"
1/2"	- 9/16"	.....	± .012"
5/8"	.....	.....	± .015"
3/4"	.....	.....	± .025"
7/8"	- 1"	.....	± .030"
1 1/8"	- 1 3/8"	.....	± .035"
1 1/2"	.....	.....	± .040"

### SQUARE ROD TOLERANCES

1/8"	.....	.....	± .005"
3/16"	- 3/8"	.....	± .010"
1/2"	- 5/8"	.....	± .015"
3/4"	.....	.....	± .020"
1"	.....	.....	± .025"
1 1/4"	.....	.....	± .035"

### SQUARE TUBE TOLERANCES

3/8"	- 3/4"	.....	± .010"
1"	- 2 1/4"	.....	± .015"

- P.O.P. DISPLAYS • DISPENSING BOXES • MUSEUM EXHIBITS
  - RETAIL STORAGE & DISPLAY • CHANDELIER
  - FURNITURE • NOVELTY ITEMS • TROPHIES
  - KEY CHAINS • TOWEL BARS • MAGNIFIER BARS
- JEWELRY DISPLAYS • SLOT WALL SUPPORT • RULERS
  - SPA FIXTURES • MODEL SHOPS
- DECORATIVE ARCHITECTURALS • LAB FIXTURES
  - KITCHEN FIXTURES

**CAUTIONS:** Since acrylics are combustible, appropriate fire precautions should be observed. For building use, check for national and local codes. Impact resistance depends upon mounting, conditions of use, material thickness and surface integrity. Avoid exposure of acrylics to heat and aromatic solvents. Clean with soap or detergents and water only. Avoid abrasive cleaners.

- Wide range of applications in the display, design and decor market
- Can be heat-formed for a variety of desired effects
- Easily imprinted or embossed
- Sunlight- and wear-resistance
- Indoor and outdoor use
- More economical than glass
- Acrylic extrusions are easily sawed, drilled, milled, engraved and finished
- Solvent bonding of properly fitting parts produces a strong, invisible joint.

Acrylic's refractive characteristics create a play of light that shows quality and design details to best advantage. Acrylic rod can be readily heat-formed or bent to re-direct light. Its striking prismatic quality makes TPI acrylic particularly conducive to chandeliers and other lighting fixtures.

Prolonged exposure to moisture, or even total immersion, does not significantly affect Plexiglas, causing no evident warping, swelling or loss of transparency. TPI's acrylic extrusions are ideal for bathroom towel bars, kitchen articles and certain laboratory fixtures.

Plexiglas extrusions, made with a UV stabilizer, have excellent sun-resistance, maintaining their sparkle and bright new look even in the harshest weather. TPI extrusions are ideal for long-life outdoor applications such as illuminated signs.

Acrylics are unaffected by aqueous solutions of most common laboratory chemicals, by detergents, cleaners, dilute inorganic acids, alkalis, and aliphatic hydrocarbons. Plexiglas is not recommended for use with chlorinated or aromatic hydrocarbons, esters and ketones.



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