

Excelon®
ABS Tubing,
Pipe, and Rod



APPLICATIONS:
UNDERGROUND HOME DRAIN
LINES
DRAIN WASTE VENT SYSTEMS
FABRICATION
HOUSING UNITS
FURNITURE LEGS
STORAGE CASES
DISPLAY BASES
POINT OF PURCHASE DISPLAYS

Samples available upon request.

Custom sizes and lengths available upon request.

FDA and Medical formulations available upon request.

REGULATORY COMPLIANCE: REACH, RoHS, and Prop 65 compliant

ABS Tubing, Pipe, and Rod

Excelon® ABS (Acrylonitrile Butadiene Styrene) is used in applications that require strong dimensional stability, high rigidity, and excellent impact resistance. It is easily fabricated by using a variety of machining techniques and is an economical choice for large projects. ABS is easy to machine, paint, and bond with adhesives making it the ideal choice for prototypes. ABS is non-metallic and is offered in black and natural in Tubing, Rod, and Schedule 40 and Schedule 80 pipe.

Thermoplastic Processes offers sizes from .250" - 10" OD in tubing and up to a 2" OD in rod. Schedule 40 and Schedule 80 pipe sizes are available up to 6".

PHYSICAL PROPERTIES

PROPERTIES	
Rockwell Hardness (R Scale)	107
Specific Gravity	1.04
Tensile Strength	6960 psi
Elongation at Break	15%
Max. Operating Temperature	189°F
Brittle Temperature	-16°F

Values listed are typical and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.



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