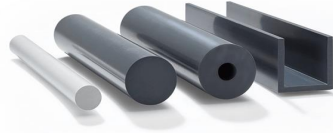


GEHR PVC Type I®

NSF Listed PVC Machining Stock



» QUALITY:

GEHR uses only NSF Listed PVC materials to manufacture our PVC solid bar in the USA. This ensures material **Physical Properties** are consistent and meet quality standards via independent 3rd party testing.

- **ASTM D1784:** Cell Class 12454 - NSF conducts physical properties testing on materials to validate PVC composition, impact resistance, tensile strength, tensile modulus, and deflection temperature under load. Rigorous testing ensures consistent quality and compliance with established standards.
- **ASTM D6263:** GEHR PVC rod is manufactured from NSF listed materials in the USA from PVC Type 1 compound, material callout designation S-PVC0111 per product standard D6263 for PVC extruded shapes. This standard establishes requirements and test methods for material, dimensions, workmanship, and properties.



Scan QR code for GEHR PVC Physical Properties

» SAFETY ASSURANCE:

GEHR PVC rod is Listed by NSF International to NSF Standard 61. Drinking Water System Components - **Health Effects**. Complete in-depth toxicological review of all potential contaminants of health concern that might leach from the product.



Scan QR Code

- **NSF 61:** Regular and unannounced inspections and collection of GEHR rod samples subjected to chemical extraction testing at NSF labs. Benchmark criteria for health effects; emphasizes the importance of quality assurance and testing to ensure **safety and performance** of products used. This ensures that harmful substances do not leach from the plastic and that the product is safe and suitable for use with drinking water.

GEHR's NSF Listing can be found online here:

<https://info.nsf.org/Certified/PwsComponents/Listings.asp?Company=C0489567&Standard=061>

» REGULATORY COMPLIANCE:

Regulations and codes governing the use of materials and products exist in many Jurisdictions: particularly those used in water treatment, plumbing and other potable water systems and applications. Many government agencies, institutions, and large organizations require NSF certified products.

» RISK MITIGATION:

Using NSF Listed products helps mitigate the potential risk of contamination or health hazards associated with non-compliant materials. By selecting listed materials, the likelihood of regulatory fines, product recalls and product related legal issues are reduced.

- GEHR PVC Solid Rod is produced in ¼" thru 9" diameters in the USA.
- GEHR US product line offering as well as dimensions can be found online here:

[GEHR US Stocking Program](#)

Or by scanning QR code here:



APPROVALS	
Certification	GEHR PVC
ASTM	D1784/D6263
UL-94	V-0
REACH	Yes
RoHS	Yes
NSF	YES = Std 61

- Machining characteristics of plastics will vary, even within the same polymer family. Machining stock products should be evaluated, machined, and tested under actual use conditions to determine suitability for a particular purpose/part design.
- Residual stress is inherent in all extruded profiles. Certain machining practices and part designs can induce excessive stress. Incorporating annealing procedure into the machining process may be necessary for best results.
- GEHR Machining Recommendations & Annealing Guidelines can be found scanning QR code here:



PVC Bar	GEHR	Competitor A	Competitor B
MFG USA	✓	✓	No
High Quality	✓	-	-
Machines Consistently	✓	-	-
Porosity free	✓	-	-
Material physical properties tested and well defined (cell classification 12454)	✓	✓	No
Virgin, Type 1 regulated PVC	✓	-	No
Tested to ASTM standards (D1784/D6263)	✓	✓	No
Same cell class as PVC pipe, valves and fittings	✓	✓	No
Regulatory Compliance (NSF Std 61)	✓	✓	No
Annual 3 rd party testing (by NSF) to validate compliance	✓	✓	No
Safe for use with drinking water	✓	✓	?
Meets US Code requirements	✓	✓	No



Scan QR code for GEHR PVC Physical Properties

Specify with confidence, specify GEHR

Sample Product Specification:

All PVC stock shapes shall be extruded in the USA from virgin PVC Type 1 compound, Cell Classification 12454 per ASTM D1784; Material Callout designation S-PVC0111 per ASTM D6263. This material shall be Listed to NSF Std 61 and shall carry a UL 94 V-0 rating. All extruded stock shapes shall be manufactured in the USA by an ISO 9001 certified manufacturer: tradename GEHR PVC Type 1® - no equal.