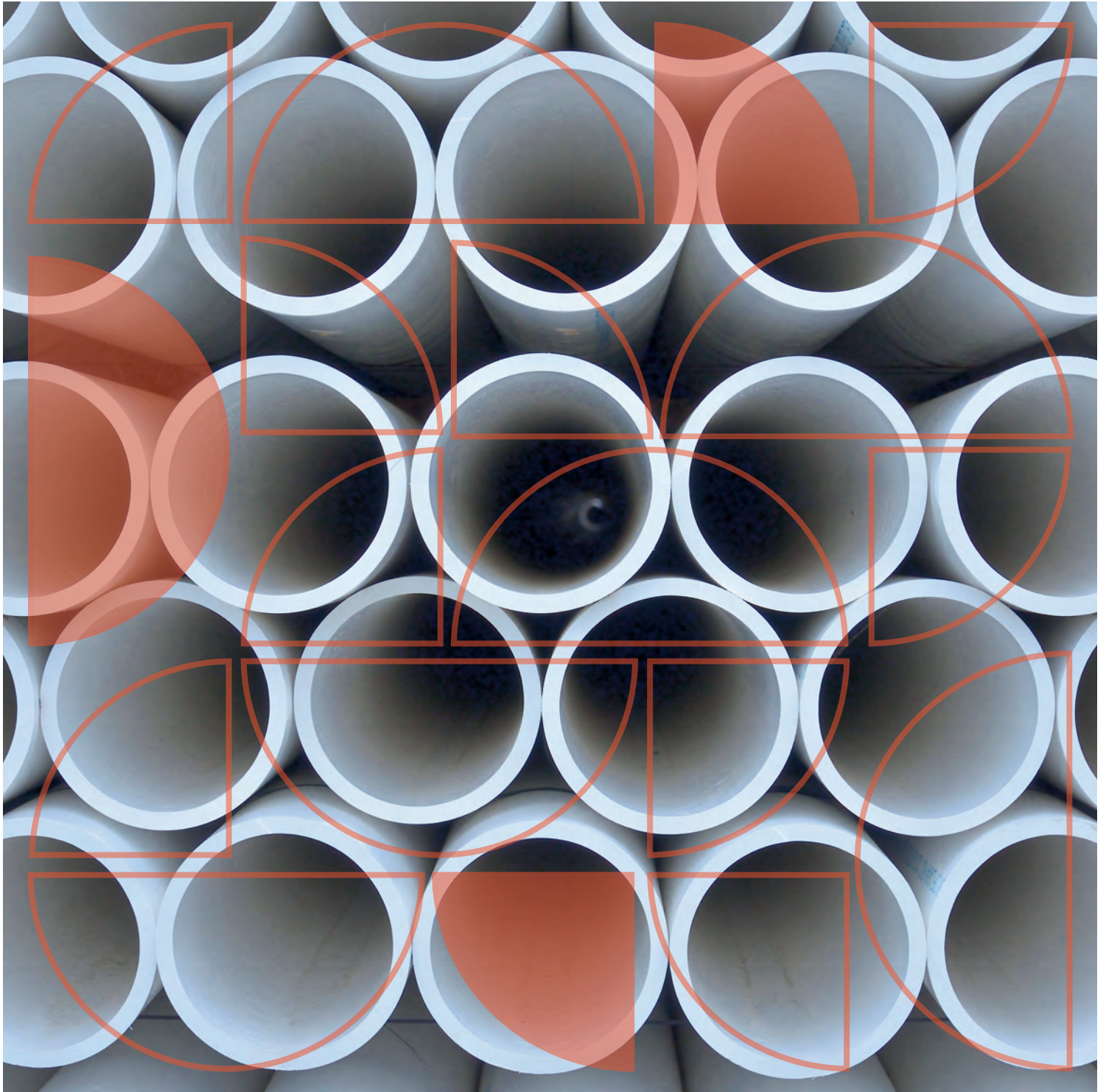


TDR[®]PVC

SCH40 SERIES



TDR PVC[®] SCH40 Series is a polyvinyl chloride (PVC) pressure pipe engineered for above-ground and below-ground installations in cold potable water systems, and the conveyance of other pressurized liquids chemically compatible with PVC. It is also suitable for drain-waste-vent (DWV) applications in domestic, commercial, and industrial projects. This pipe is manufactured under ISO 9001:2015 registered quality management and is available in lengths of 10 feet or 20 feet (including socket) in nominal sizes from 1 1/4 inches through 12 inches.

MATERIAL

TDR PVC[®] SCH40 Series pipe is manufactured from unplasticized polyvinyl chloride (UPVC) compound formulated for the conveyance of potable water and pressurized liquid applications chemically compatible with PVC.

Certification & Compliance:

- NSF/ANSI Standard 61 – Drinking Water System Components – Health Effects
- NSF/ANSI Standard 372 – Lead Content in Drinking Water System Components
- Certified for potable water service by NSF International

QUALITY ASSURANCE

- Manufactured under ISO 9001:2015 registered quality management system
- Subject to rigorous quality control testing throughout production

STANDARDS COMPLIANCE

TDR PVC[®] SCH40 Series pipe shall conform to:

- ASTM D1785 – Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120 (all sizes)
- ASTM D2665 – Standard Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (sizes 1 1/4 inches through 12 inches)

JOINT PERFORMANCE & ASSEMBLY

Joining System:

TDR PVC[®] SCH40 Series pipe utilizes a solvent cement jointing system conforming to ASTM D2672

Materials:

Solvent cement used for jointing shall conform to ASTM D2564

Installation:

Refer to TDR Installation Instructions for detailed procedures on solvent cement application and proper jointing technique for UPVC pipes and fittings.

AVAILABLE LENGTHS

TDR PVC[®] SCH40 Series pipe is available in:

- 10 feet overall length (including socket)
- 20 feet overall length (including socket)

WORKING TEMPERATURE

Maximum Service Temperature: The maximum permissible water service temperature is 113°F (45°C).

Pressure Rating Derating: For water service temperatures exceeding 77°F (25°C), the pressure rating shall be reduced by 2% for every 1.8°F (1°C) increase in temperature, to a maximum service temperature of 113°F (45°C).

DIMENSIONS, WEIGHTS & PRESSURE RATINGS

Nominal Size (in)	Ave. OD (in)	Min. Wall (in)	Socket Depth (in)	Weight/ft (lbs)	Pressure Rating @73°F (psi)	Pressure Rating @90°F (psi)
1/2"	0.840"	0.109"	1.22"	0.159	600	456
3/4"	1.050"	0.113"	1.57"	0.211	480	365
1"	1.315"	0.133"	1.89"	0.312	450	342
1 1/4"	1.660"	0.140"	2.20"	0.422	370	281
1 1/2"	1.900"	0.145"	2.50"	0.504	330	251
2"	2.375"	0.154"	2.80"	0.677	280	213
3"	3.500"	0.216"	4.00"	1.396	260	198
4"	4.500"	0.237"	5.00"	1.985	220	167
6"	6.625"	0.280"	6.00"	3.482	180	137
8"	8.625"	0.322"	6.00"	5.233	160	122
12"	12.750"	0.406"	8.50"	9.782	130	99