

Pipe Workshop

- Plastic Pipe
 - Materials
 - PVC
 - CPVC
 - PE
 - PP
 - ABS
 - Sizes
 - Applications
 - Joining techniques

PVC

Poly Vinyl Chloride Piping

- ¼" – 48" diameter
- IPS, Sewer, PIP (surface pipe), CI dimensions
- Ribbed
- OD (outside diameter) controlled
 - SDR
- Solvent weld (not glued), gasket joint or mechanical joint
- Cements, primers, lubricants



The image shows a 'Weld-On Selection Guide' table. It is a complex grid with multiple columns and rows, likely detailing product specifications, application areas, and compatibility. A legend on the right side of the table provides additional context for the symbols and colors used in the grid.

The image shows a 'Weld-On PVC Solvent Cements' table. It is a detailed grid listing various solvent cement products, their specifications, and application areas. The table includes columns for product names, descriptions, and application codes.

The image shows a 'Weld-On PVC Specialty Solvent Cements' table. It is a detailed grid listing specialty solvent cement products, their specifications, and application areas. The table includes columns for product names, descriptions, and application codes.

CPVC Piping

- CPVC
 - Higher temp and better chemical resistance than PVC
 - IPS, CTS, Schedule 80, Schedule 40, Increased use with price of copper
 - Drainage recently produced in DWV for acid waste
 - Duct of corrosive fumes, large duct but also 2" and 3" to vent high efficiency furnaces
 - Can use in plenum, low smoke
 - Flameguard™ for fire protection systems

ABS Piping

- ABS
 - DWV
 - OD controlled
 - Less chemical resistance than PVC, better impact resistance
 - Primarily interior plumbing, PVC DWV and ABS have split market. ABS primarily residential, PVC residential and commercial.
 - Solvent weld joints, primer not required
 - Green "ChemAire"