

THE BLAZEMASTER® CPVC ADVANTAGE



THE INSTALLATION PROCESS SIMPLE, SECURE AND TRUSTED GLOBALLY

CPVC

- Hands-on installation support
- Easy installation process
- Pipes and fittings of highest quality and value
- Safe, secure and reliable

PP-R

- Difficult and costly installation
- Inefficient process that requires heating and cooling tools
- No stops on fittings requires witness marks
- Additional space required
- Fusion welding tools heat up to 260°C, creating a burn hazard

BlazeMaster®
FIRE PROTECTION SYSTEMS



**HELPING YOU AND
YOUR COMPANY
TO GROW
AND BE MORE
SUCCESSFUL**

HYDRAULICS

USE LESS MATERIAL, ACHIEVE BETTER RESULTS

CPVC

- BlazeMaster CPVC uses 56.25% less material and achieves the same pressure rating
- Features reduced wall thickness for same or better flow rate at smaller pipe size
- Smooth internal pipe surface for better hydraulic performance

PP-R

- PP-R features a thick tube wall that results in lower flow rate
- Heat fusion leads to bead formation, which increases friction and reduces flow rate

BEHIND THE MATERIAL

SPECIALIZED RAW MATERIALS MADE TO LAST

CPVC

- FM approved for concealed and exposed (residential) applications
- UL and LPCB listed
- Tensile strength of 55 MPa resulting in higher material durability
- WRAS approved for potable water applications

PP-R

- FM approved for concealed only
- No UL listing
- Tensile strength of 27,7 MPa
- No WRAS approval
- Issues with chlorine intolerance and UV rays

FLAMMABILITY

RESISTANT TO HOTTER TEMPERATURES

CPVC

- Superior flame and smoke resistance
- Limiting Oxygen Index of 60

PP-R

- Requires flame-retardant layer
- Limiting Oxygen Index of around 20

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The information contained herein is reliable based on current information but the advertiser makes no representations, guarantees or warranties, express or implied, including any implied warranties of merchantability or fitness for a particular purpose, or regarding the completeness, accuracy, or timeliness of any information. Always consult your pipe and/or fitting manufacturer for current recommendations.

3.50_{mm} of
25_{mm} fibre
reinforced
ppr pipe



1.90_{mm} of
20_{mm} cpvc pipe

Visit **blazemaster.eu**.
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