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PPN - The Leading Source of Industry News on Polymer Pipes and Plastic Pipe Failure

Study on Crack Propagation in Electrofusion Joint of Polyethylene Pipe (New Research)

<https://cloud.excelplas.com/index.php/s/tjBp4ZMpaycBqpy/download>

Reece Plumbing Business Announces 12.3% Increase of Sales Revenue at \$732 Million

<https://www.fool.com.au/2018/10/25/has-reece-ltd-asxreh-just-piped-in-some-good-news-in-its-trading-update/>

Pipe Burst Failure Investigations in Australia

We have extensive forensic and Analytical capabilities to determine the root cause of plastic pipe failures in residential, commercial and industrial applications

<http://www.excelplas.com/>

Aquatherm Publish new Warnings Regarding Degradation of Polypropylene Pipes in Service (October 2018)

http://www.aquatherm.com.au/images/pdf/aquatherm_pipe_specifics.pdf

ABCB Product Database for Checking WaterMark Certification of Plumbing Products and Pipes

<https://www.abcb.gov.au/Product-Certification/WaterMark-Certification-Scheme/WMPD-Search?specificationId=60>

Don't Overlook those Plastic Pipes in the Workplace!

<http://processengineering.co.uk/article/2024364/don-t-overlook-those-pipes-in-the-workplace>

US Pipeline & Hazardous Safety Administration Issues Final Safety Rule for Plastic Pipelines Carrying Gas

<https://www.ogj.com/articles/2018/11/phmsa-issues-final-safety-rule-for-plastic-pipelines-carrying-gas.html>

Pipeline Safety: Plastic Pipe Rule (DECLASSIFIED)

The Strength and Durability of PA-12 Pipe Against Known Threats and Failure Mechanisms

<https://www.federalregister.gov/documents/2018/11/20/2018-24925/pipeline-safety-plastic-pipe-rule>

The Piping Debate: Copper vs. CPVC

<https://www.buildings.com/article-details/articleid/3421/title/the-piping-debate-copper-vs-cpvc>

Study: Water Main Breaks Up, but PVC Pipe Best Performer

<https://www.plasticsnews.com/article/20180330/NEWS/180339997/study-water-main-breaks-up-but-pvc-best-performer>

Utah State University study into main breaks found PVC to have the lowest overall failure rate, when compared to cast iron, ductile iron etc.

<https://www.pipa.com.au/index.php/sustainability/life-cycle-benefits-of-australian-plastic-pipes/>

The Fine Print: How Water Voids Many Plumbing Warranties

When a plumbing system fails, homeowners – and often builders and contractors – are left seeing dollar signs and wondering who is responsible for repair costs.

This is where a plumbing system manufacturer's warranty often comes into play, and where the fine print can leave you vulnerable to footing the bill.

<https://www.flowguardgold.com/the-fine-print-how-water-voids-many-plumbing-warranties/>

Plastic Pipe failures are often a result of chlorine degradation or otherwise aggressive water conditions and can occur in less than 10 years after installation

<https://www.flowguardgold.com/built-to-last-flowguard-gold-cpvc-resists-chlorine-degradation/>

South Gippsland Water Updates on HDPE Pipe Installation Projects

http://www.sgwater.com.au/project_page/projects/lance-creek-water-connection/

McCosker Contracting Pty Ltd Seeking Polywelders for Gladstone QLD

<https://au.linkedin.com/jobs/view/polywelder-opportunities-at-mccosker-contracting-pty-ltd-969199043>

Poly Welding (Butt and Electrofusion Welding) Training Courses

http://www.siteskillstraining.com.au/location?p_p_id=SiteSkills_Location_WAR_SiteSkills_Locationportlet...

Aliaxis Hiring Regional Product Category Manager – Electrofusion

<https://aliaxis.workable.com/j/9D3CD952D5>

Iplex Hiring Operations Commercial Analyst

<https://au.linkedin.com/jobs/view/operations-commercial-analyst-at-pipeline-products-968145417>

PIPA POP007 Metal Backing Flanges for use with PE Pipe Flange Adaptors – updated

<https://www.pipa.com.au/wp-content/uploads/2018/11/POP007.pdf>

ExcelPlas - the Australian Pipes & Fittings Testing Laboratory

- Accredited to ISO 17025 by the National Association of Testing Authorities (NATA) Australia, and is Australia's largest laboratory dedicated for the testing of plastic pipes

and fittings to various Standards which include Australian, European and International Standards.

- The staff employed at the laboratory have a combined experience of more than 85 years within the plastics industry specifically with manufacturing, quality control and the research and development of plastic piping systems including HDPE, PEX, PP-R, PVC, U-PVC, M-PVC, O-PVC, ABS, GRP, GRE and PB.
- Services provided include conformance testing, compliance testing, batch release testing, root cause analysis for field failures and non-destructive testing of samples.
- <http://www.excelplas.com/>

ExcelPlas Lab Specialising in HDPE Pipe Condition Monitoring, Failure Analysis and Testing

In the event of a HDPE butt weld or electrofusion weld failing during initial testing, or in service, we can conduct investigations to assist in identifying the root cause of the failure.

This service also extends to the premature failure of the pipe or fitting itself.

<http://www.excelplas.com/plastic-pipes>

ExcelPlas Pipe Testing is a Leader in the Field of Polyethylene (PE) and High-Density Polyethylene (HDPE) Testing

ExcelPlas is accredited with the National Association of Testing Authorities (NATA) for butt weld tests, bend and tensile tests, peel decohesion tests on electro fusion sockets and failure mode determination

<http://www.polypipetesting.com.au/butt-fusion-welds/>

New UHMWPE Pipe for Tailing Offers Greater Than 4X the Abrasion Resistance of PE100 (Australia wide)

<http://slurrypipes.com.au/>

ExcelPlas Poly Pipe Weld Inspection Lists Top 7 Causes of Weld Failure:

- Lack of scraping
- Inaccurate scraping
- Contamination from dirt, water, oil or clays
- Lack of Paralell-ness of fusion faces
- Misalignment of surfaces
- Time, temperature and pressure deviations
- Not adhering to cool times

We have extensive experience in inspection of poly pipe welds for assuring welded joint quality. Direct Poly Pipe Inspection ensures that operators are following the proven welding procedure; this reduces the occurrences of operational errors which lead to defects such as inclusions, lack of fusion (LoF), porosity and misalignment.

More information, contact john@excelplas.com

Get Your HDPE Pipe Products or Services Noticed – Advertise in Poly Pipe News (PPN)

Australia

<https://www.polypipenews.com.au/advertise/>

This Newsletter is brought to you by Excelplas Labs, Australia's Largest group of Poly Pipe Testing Labs.

Pipe Poly News (PPN) is now Australia's most current and comprehensive source of news on Polyethylene pipes and Poly Pipe Welding;

Poly Pipe News is now sent to over 4500 Poly Pipe Industry Members every week.

Any news requests should be sent to john@excelplas.com

To subscribe, visit <https://www.polypipenews.com.au/subscribe/>

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