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Work Instruction

prysmian

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PVC End life cycle Management Best Practices

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Contents

Document History

The history of changes made to this procedure is shown below. The most recent changes are listed first.

Version	Date	Summary of Changes
1.0	09/03/2026	First issue.

1. OBJECTIVE

To establish standardized operational control procedure for PVC scrap, PVC recycling, PVC reuse and PVC landfill.

2. SCOPE

This procedure is all PVC Insulation and PVC sheathing cables.

3. Procedure

Instructions:

Direct Regrind (When the regrind goes straight back into the hopper or a temporary storage box during
extrusion)

Divert away from the granulator the first head spill after a delay of more than ten minutes with the extruder stopped. Purge and scrap sufficient volume to clear the neck, head & screen pack. For a 150 mm (6”) extruder using a large head, this will be about 7 kg; other extruders less, depending on extruder, head and neck size.

Divert and scrap regrind PVC with any signs of burnt lumps. Mark on the process scrap label "Burnt Stock" and the extruder number. Then forward to Salvage.

Chip the PVC back directly to the extruder hopper
- if the colour & grade being reground are the same as that to be extruded, or
- for skin colouring, if the grade being reground is the same as that to be extruded.
Alternatively, chip the PVC into clean boxes/bags and label with "Re-chipped PVC" ticket below.

• Do not mix compound grades in one box. Use different boxes for different grades.
NOTE: A new plastic liner must be used when starting a box, and the box must be free of any pellets or other contamination before fitting the liner.

• If reground material is contaminated, raise NCA and quarantine it accordingly.

Send the PVC for Recycling with our service providers for recycling and reusage of PVC.

The current recycle providers are as below:

- Techplas
- RBM Plastics
- JR Hammer

JR hammer we are closely working for Innovative solutions-like floor tiles which we have done 2 sets.

1 set 8.7 kgs in Sep 2025
2 set as 17.8 kgs in Nov 2025

(PVC purging material has been re-compounded black for a garden edging product and for use in Vinyl flooring)

Prysmian is working with some trials on recycled PVC as a filler to improve concentricity of the cables.

Note: The end-of-life cycle management of cables is a cost-associated process, and the related terms and conditions will be mutually agreed upon with our customer on a time-to-time basis.

To our customers with the above indicated process:

Prysmian Australia Pty Ltd is committed to responsible environmental stewardship and continuous improvement in the management of materials throughout their full life cycle. As part of this commitment, we provide comprehensive end-of-life cycle management solutions for PVC materials, including recycling, re-use, and landfill disposal where required.

Prysmian maintains a strong sustainability focus in the production and processing of PVC products. In alignment with our Best Environmental Practice (BEP) standards, less than 2% of BEP-compliant PVC scrap generated at our facilities is sent to landfill, based on total saleable PVC product output. This performance reflects our dedication to minimising waste and reducing environmental impacts associated with PVC manufacturing.

To further support circularity and sustainable construction practices, Prysmian also offers all customers the opportunity to return residual PVC cable lengths remaining after installation. These materials are managed through our established end-of-life processes and handled in accordance with BEP PVC requirements.

Note: The end-of-life cycle management of cables is a cost-associated process, and the related terms and conditions will be mutually agreed upon with our customer on a time-to-time basis.

In addition to the logistics on cables which are returned for the above services costs will be mutually agreed.

Through these initiatives, Prysmian Australia Pty Ltd reaffirms its commitment to responsible material management, reduced waste generation, and continuous improvement in sustainability across the product life cycle.

Customer returned residual lengths Returned”

4) Reference-Best Environmental Practice PVC 2.0 Clause 6.0