



Medical

PALL *Purecell* PL
High Efficiency
Leucocyte
Removal Filter
for Platelet Transfusion



- Clinically proven media technology
- Easy prime technology
- Enhanced ease of use
- High efficiency leucocyte removal
- Platelet recovery greater than 90%
- Minimal filter hold-up volume (5 mL after recovery)
- Reduction of anaphylatoxin (C3a)
- Bedside filtration of 3 to 6 units of platelet concentrate or an equivalent single donor platelet collection

Filtration. Separation. Solution.SM



Pall Purecell PL

High Efficiency Leucocyte Removal Filter for Platelet Transfusion

Benefits

- Clinically proven media technology protects the patient against transfusion associated complications such as microaggregates, Cytomegalovirus, immunosuppression and alloimmunisation^(*).
- Ease of use has been significantly enhanced by the new filter design which provides:
 - priming by gravity
 - unique self levelling drip chamber allowing self priming of the filter and drip chamber
 - new vented spike design to allow upstream of filter to drain following transfusion, maximising platelet recovery
- Dependably and efficiently delivers low leucocyte residuals, consistently averaging less than 2×10^5 per transfusion, affording the maximum patient protection against leucocyte related transfusion complications.
- Unique media allows reduction of anaphylatoxin C3a^(**). C3a has been shown to elicit biological and pathological effects including anaphylaxis and immunosuppression^(*).
- Designed to filter 3-6 units of random donor unit pools or an equivalent volume of apheresis platelets.
- Pall's high technology filtration media, new recovery spike and low filter hold-up volume (5 mL after recovery) provides minimal loss of platelets, typically greater than 90% recovery, without the need for saline flushing.



Vented spike

(*) Data available upon request from Pall Medical.

(**) C3a is a product of complement activation.

Performance Summary

The residual WBC level after filtration of the indicated quantity of platelets through a Pall Purecell PL2 filter consistently averages less than 2×10^5 per transfusion.

PC Type ^Δ	Age (Days)	Volume Pre Filtration (mL)	Pre Filtration WBC Per Pool	Post Filtration WBC Per Pool	Platelet Recovery (%) ^{ΔΔ}
6 x rdu	2	320	1.28×10^6	1.40×10^4	92
6 x rdu	2	302	1.21×10^6	3.30×10^4	93
6 x rdu	2	297	1.19×10^6	1.70×10^4	95
6 x rdu	2	323	1.22×10^6	2.98×10^4	92
6 x rdu	2	324	8.10×10^5	1.52×10^4	95
6 x rdu	5	269	8.07×10^7	4.57×10^4	90
6 x rdu	5	239	1.03×10^8	4.84×10^4	90
1 x aph	2	367	1.47×10^6	1.10×10^4	91
1 x aph	2	356	3.92×10^6	4.80×10^4	96
1 x aph	2	211	1.27×10^6	6.70×10^4	93
1 x aph	4	213	4.26×10^7	1.08×10^4	93

^Δ rdu = random donor unit ABO matched pools aph = apheresis

^{ΔΔ} mean platelet recovery by concentration over 3 to 6 rdu or equivalent apheresis units

Ordering Information

Description	Reorder No.	Packaging
Pall Purecell PL High Efficiency Leucocyte Removal Filter for Platelets.	PL2VE	20 per case
with Attached Self Levelling Administration Set.	PL2VAE	20 per case



Blood Group

Europa House, Havant Street
Portsmouth PO1 3PD, England

+44 (0)2392 302366 telephone
+44 (0)2392 302505 fax

Visit us on the web at www.pall.com

E-mail: Biosvc@Pall.com

International Offices

Pall Corporation has offices and plants throughout the world in locations such as: Argentina, Australia, Austria, Belgium, Brazil, Canada, China, France, Germany, Hong Kong, India, Indonesia, Ireland, Italy, Japan, Korea, Malaysia, Mexico, the Netherlands, New Zealand, Norway, Poland, Puerto Rico, Russia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, the United Kingdom, the United States and Venezuela. Distributors in all major industrial areas of the world.

The information provided in this literature was reviewed for accuracy at the time of publication. Product data may be subject to change without notice. For current information consult your local Pall distributor or contact Pall directly. Part numbers quoted above are protected by the Copyright of Pall Europe Ltd.

Pall and Purecell are trade marks of Pall Corporation.
Filtration. Separation. Solution. is a service mark of Pall Corporation.
©1998, Pall Europe Limited.

Printed in England. PMED/1M/CS/0500