



Medical

PALL *Purecell* RC High Efficiency Leucocyte Removal Filter for Blood Transfusion



Two Units

- Clinically proven media technology
- For standard or rapid flow applications
- Easy prime technology
- Enhanced ease of use
- High efficiency leucocyte depletion
- High red cell recovery
- Minimal filter hold-up volume
- Rapid priming without saline
- Bedside filtration of two units of red cells

Filtration. Separation. Solution.SM



PALL *Purecell* RC
High Efficiency Leucocyte Removal Filter for Blood Transfusion

Vented Spike

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 or rapid priming by squeezing the blood bag.
 - 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 red cell recovery.
- Dependably and efficiently delivers low leucocyte residuals, affording the maximum patient protection against leucocyte related transfusion complications (consistently averaging less than 2×10^5 /unit for buffy coat poor red cells)(*).
- Primes directly with red cells quickly and conveniently without the need for priming with saline
- High technology filtration media and minimal filter hold-up volume (31 mL after recovery) provides minimal loss of red cells without the need for saline flushing.
- Unique housing design allows maximum use of the filter media surface area for consistent results.

(* Data available upon request from Pall Medical

The residual WBC level after filtration of 2 units of buffy coat depleted red cells through a **Pall Purecell RC2** filter at either gravity flow or high flow consistently averages less than 2×10^5 /unit.

PRC Additive	Blood Age (Days)	Pre Filtration WBC (x 10 ⁹ /unit)**	Post Filtration WBC (x 10 ⁵ /unit)**	Flow Rate
SAGM - BC	3	0.28	1.00	1
	3	1.11	1.26	2
	4	0.98	1.18	1
	4	0.56	1.03	2
	16	0.23	0.46	1
	16	0.48	0.69	2
	30	0.83	0.29	1
	30	0.55	0.27	2
	31	1.06	0.60	1
	31	0.63	0.43	2

** = Average of unit 1 + unit 2

1 = 1m gravity flow

2 = 300 mmHg pressure

■ WBC count post filtration was determined using a manual counting method (Nageotte Chamber)

■ Blood was stored at 4°C and left for 10 minutes at room temperature before filtration

Ordering Information

Description	Reorder No.	Packaging
Pall Purecell RC High Efficiency Leucocyte Removal Filter	RC2VE	20 units per case
with attached Self Levelling administration set	RC2VAE	20 units per case
with Y-inlet and attached Self Levelling administration set.	RC2VAYE	20 units per case



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