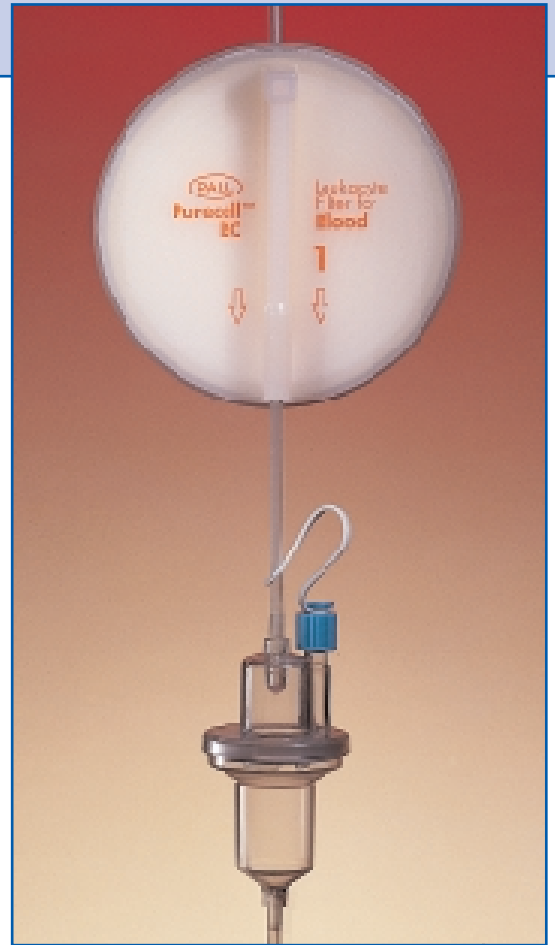


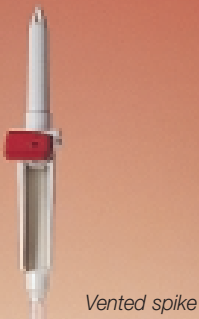


Medical

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



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



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.
 - New vented spike design to allow upstream of filter to drain following transfusion, maximising red cell recovery.
 - Unique self levelling drip chamber allowing self priming of the filter and drip chamber.
- For standard or rapid flow applications. Higher flow rates can be achieved with a pressure cuff (up to 300 mmHg).
- Dependably and efficiently delivers low leucocyte residuals, affording the maximum patient protection against leucocyte related transfusion complications (consistently averaging less than 5×10^5 /unit for buffy coat rich red cells and 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 (20 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.

Ordering Information

Description	Reorder No.	Packaging
Pall Purecell RC High Efficiency Leucocyte Removal Filter.	RC1VE	20 per case
with Attached Self Levelling Administration Set	RC1VAE	20 per case



Performance Summary

The residual WBC level after filtration of one unit of **buffy coat rich** red cells through a **Pall Purecell** RC1 filter at either gravity flow or high flow consistently averages less than 5×10^5 /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	1.42	<0.23	1
	3	2.06	0.23	2
	7	1.45	0.55	1
	7	2.59	0.26	2
	14	0.84	<0.24	1
	14	0.98	0.55	2
	14	1.50	0.27	1
	14	2.16	2.65	2
	29	0.71	<0.24	1
	29	0.57	5.71	2

The residual WBC level after filtration of one unit **buffy coat depleted** red cells through a **Pall Purecell** RC1 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	0.34	0.25	1
	3	0.32	0.82	2
	4	0.42	0.84	1
	4	0.29	0.49	2
	16	0.39	<0.28	1
	16	0.72	0.27	2
	30	0.53	<0.28	1
	30	0.37	<0.28	2
	31	0.61	<0.27	1
	31	0.29	0.24	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



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