



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.<sup>SM</sup>*



Vented Spike

## PALL *Purecell* RC

### High Efficiency Leucocyte Removal Filter for Blood Transfusion

#### Benefits

- Clinically proven media technology:
  - Protects the patient against transfusion associated complications such as microaggregates, Cytomegalovirus, immunosuppression and alloimmunisation<sup>(\*)</sup>.
- 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  $2 \times 10^5$ /unit for buffy coat poor red cells)<sup>(\*)</sup>.
- 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.

<sup>(\*)</sup> 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  $2 \times 10^5$ /unit.

PRC Additive	Blood Age (Days)	Pre Filtration WBC ( $\times 10^9$ /unit)**	Post Filtration WBC ( $\times 10^5$ /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
<b>Pall Purecell RC High Efficiency Leucocyte Removal Filter</b>	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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