

Product Whole Blood Separator (Type - FR1 and FR2)

Intended Use Whole Blood Test – Point of Care Testing

Product Variant Type FR1 and FR2

Composition Proprietary material

Physical Properties

Property	FR1 (0.35mm)	FR1 (0.6mm)	FR2 (0.7mm)	FR2 (0.8mm)
Appearance	White	White	White	White
Tare weight (mg/cm ²)	7.2 ± 2	10.5 ± 3	12 ± 3	14 ± 3
Thickness	385 ± 65 µm	570 ± 80 µm	730 ± 95 µm	830 ± 100 µm

Performance Characteristics

Function	FR1 (0.35mm)	FR1 (0.6mm)	FR2 (0.7mm)	FR2 (0.8mm)
Blood Holding Capacity	30 µl Whole blood per cm ²	60 µl Whole blood per cm ²	40 µl Whole blood per cm ²	50 µl Whole blood per cm ²
Hemolysis	No visible hemolysis			
Migration Time (sec.)	< 75	< 85	< 85	< 90

Supply Format

Format	Strip/ Sheets/ Reels
Dimensions	Sheets: Dimension as desired upto 25 cm x 30 cm Reels: 15 – 20 M Reels of desired width

Storage Condition

Store and handle in accordance with all current regulations and standards.

Store in original packing at 1-35 °C. Avoid direct sunlight.

Caution: Material should be kept away from heat radiators.

Shelf Life

One Year from the date of slitting, stored under above conditions.

Ordering Information

Product	Description			
Type	Thickness (mm)	Strip/Sheet/Reels Length	Strip/Sheet/Reels Width	Quantity (Nos.)
FR1	0.35	As per requirement	As per requirement	As per requirement (Numbers/Meters)
	0.6			
FR2	0.7			
FR2	0.8			

Example:

FR1	0.6	25 cm	30 cm	___Nos.
-----	-----	-------	-------	---------