



SPACESUIT

SUIT FOR THE MAINTENANCE
OF BODY HUMIDITY
AND TEMPERATURE

Newborn infants, especially prematures, suffer from large water loss due to skin immaturity. In addition, they are unable to maintain their body temperature. This requires technically complex thermo- and water regulating devices to ensure the survival of the premature or newborn baby. The SpaceSuit by Fritz Stephan GmbH offers a new solution to this problem.

Individual Microclimate

SpaceSuit consists of a transparent, skin friendly polyurethane material which encloses the newborn's body like a gentle protective membrane, providing protection from postnatal loss of heat or humidity due to evaporation. Similar to the situation inside the womb, the infant is now able to stabilize and maintain the natural body temperature without additional physical strain. Thanks to its outstanding material characteristics, SpaceSuit is suitable for rapid primary care and gentle transport of the newborn to the ward. It may also be used for examinations inside NMR imaging devices. In addition, SpaceSuit may also be used for the prevention of nosocomial infections. The perfect protection for our tiniest patients.

Intensive Contact between Parent and Child

SpaceSuit enables the premature or newborn infant to have intensive body contact with the parent, as the parental warmth is fully transmitted to the infant. At the same time the mother or father can feel the warmth of the baby, similar to kangarooing. The infant can sense familiar sensory stimuli such as touch, heartbeat, breathing and scent of the parents. This provides a feeling of immediate closeness for both infants and parents thus increasing safety and security. Since the SpaceSuit provides warmth and humidity, kangarooing contact can be extended for longer periods of time and may be started earlier as it is suitable for even the very smallest premature babies.

TECHNICAL DATA

Material

Polyurethane	
Thickness	75 µm
Characteristics	transparent, water-impermeable soft, skin friendly

Application

Disposable	max. 72 hours, resealable	
Sizes		
Weight groups	< 1,000 g	1 060 60 021
	< 1,500 g	1 060 60 020



Fritz Stephan GmbH Medizintechnik
Kirchstraße 19
56412 Gackebach
Germany



Tel +49 6439 9125 0
Fax +49 6439 9125 111
E-Mail info@stephan-gmbh.com
Web www.stephan-gmbh.com