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LIFEFORM SILICONES

DESCRIPTION AND MAIN FEATURES

- LIFEFORM is a poly-addition curing RTV silicone rubber that vulcanizes at room temperature. A and B components are mixed together with the correct ration of 1: 1 to provide a thixotropic mixture ready for direct application to the body.
- LIFEFORM silicone offers many advantages over alginate, including the wider range of materials that can be poured directly into your mold and it can be used over and over again.
- LIFEFORM can also be bonded to itself, allowing the life-caster to apply thinner layers, resulting in less material and less waste.
- LIFEFORM also offers release properties that are completely unique to this system. Unlike other life-casting silicones that require a barrier or release that is applied quite thickly to ensure proper release, which can obscure the details.
- LIFEFORM can be applied directly to clean skin without losing detail.

APPLICATION

To ensure that all the details are picked up on your chosen body part, the material must be applied within the required working time. The cure takes approximately 3:30 minutes at 25°C.
After 4 minutes the rubber is fully cured and can be moulded.

RECOMMENDATIONS

The ratio is 1 to 1 by volume. High temperatures accelerate curing and lower temperatures slow the curing rate. Areas intended for application must be free of grease and clean and then dried before applying LIFEFORM.

CHEMICAL AND PHYSICAL PROPERTIES

Mixing ratio	1: 1
Mixing time at 23°C (73°F)	1'
Operating time at 23°C(73°F)	1'30 -1'50
Set time at 23°C (73°F)	3'20-3'30
Colour after curing	Light blue
Tensile strength	1. 4 N / mm2
Hardness shA	33.5 shA
Aspect	Kneadable paste