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| <ul style="list-style-type: none"> <li>• Quilted</li> <li>• Horse</li> </ul> | <ul style="list-style-type: none"> <li>• Quilted</li> <li>• Pony / Horse</li> <li>• Lightweight yet superior heat retention</li> </ul> | <ul style="list-style-type: none"> <li>• Canvas / Adjustable</li> <li>• Rug &amp; Under-Rug plus 4 Leg Wraps</li> </ul> | <ul style="list-style-type: none"> <li>• Cotton / Airflow Mesh</li> <li>• 5'0 - 6'9</li> </ul> | <ul style="list-style-type: none"> <li>• Quilted</li> <li>• 5'0 - 6'9</li> <li>• Lightweight yet superior heat retention</li> </ul> | <ul style="list-style-type: none"> <li>• Canvas</li> <li>• Quilted</li> </ul> | <ul style="list-style-type: none"> <li>• Canvas</li> <li>• Pony/Horse</li> <li>• Quilted</li> </ul> | <ul style="list-style-type: none"> <li>• Canvas</li> <li>• Quilted</li> </ul> | <ul style="list-style-type: none"> <li>• Canvas</li> </ul> |
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### Use Veterinary MIRoTEC Reflective Therapy Horse Rugs and Wraps to Help Treat:

- Post-Surgical Warm-Up / Recovery
- Cold-Back Saddle-Sore Horses
- Tendon / Joint Injuries
- Cut Abrasion Abscesses
- Back Shoulder Chest Injuries
- Arthritis Joint Shin Soreness
- Warm-Up Pre/Post Competition / Breeding / Work-out
- Muscle Strains / Spasms
- Hypothermia

### Reflective Therapy Horse Rugs and Wraps

Veterinary MIRoTEC® is a versatile, light and user-friendly physical-therapy aid that can reduce health problems due to soft tissue damage, aid recovery time and enhance the performance of your horse. Research indicates that reflecting Infra-Red Radiation promotes the healing process and assists recovery due to improved circulation.

MIRoTEC® Reflective Therapy Rugs & Wraps capitalize on the body's ability to heal itself. Designed by Veterinary Surgeons in England to assist in the treatment of soft tissue injuries, Veterinary MIRoTEC® utilizes Space Blanket Technology. A micro-perforated, metalized reflective material laminated to a supportive polyester substrat is proven to reflect Infra-Red Radiation emitted by the body. By reflecting this natural body heat, blood circulation is improved through increased muscle tissue temperature.

### Directions for Use:

- Use under controlled conditions. Consult your veterinarian before treating any injury.
- Monitor the affected area periodically. Some animals emit more Infra-Red Radiation than others.
- Weather and temperature conditions also will be a factor.
- Clean by hand washing or sponge-wipe.

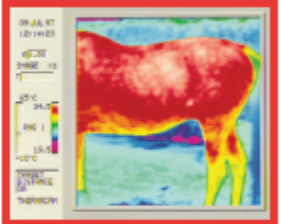
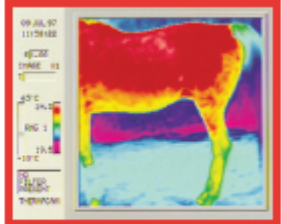
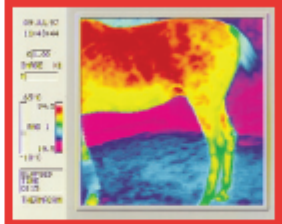
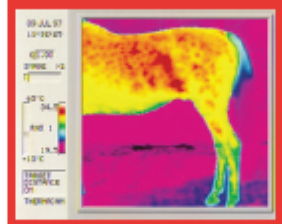
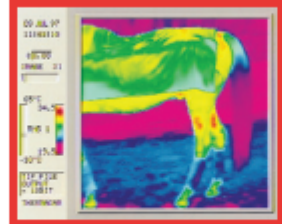
### Precautions:

- Do not use heating agents with MIRoTEC® Reflective Therapy products.
- Placing additional wraps or blankets over MIRoTEC® will help create maximum heat, but do not leave on the animal for a long period of time.
- The porous construction of MIRoTEC® allows moisture to escape, but monitor the animal for excessive sweating. If this occurs, apply MIRoTEC® for a shorter period of time.

### Award Winning Space Blanket Technology Reflects Infra-Red Radiation Increasing Tissue Temperature & Improving Blood Circulation



Photos show the increase in temperature from the use of a MIRoTEC® Treatment Rug (cotton), over a 52 minute period



- Aids in warming up muscles prior to competition or work-out
- Aids in recovery time & healing of soft tissue
- Reduces swelling period

# Why are MIRoTEC<sup>®</sup> Horse Rugs and Wraps Effective?

## Reflection of Infra-Red Radiation (Body Heat), Boosting Blood Circulation

### 1. **Body Fluid Stimulation / Circulation:**

This activates the Lymph function & Lymph circulation. (refer Lymph info at bottom of page for more information)

Therefore it indirectly stimulates the blood circulation of the Body.

This encourages venous circulation, improves blood capillaries re-absorption & increases the pulsation of capillaries

### 2. **Effect of Nervous System:**

The parasympathetic nervous system stimulated.

This has a relaxation effect, together with antispastic effects & improves muscle tone.

Constant stimulation of the C-fibre mechanoreceptors has inhibitory effects (analgesic -anti-pain-action)

### 3. **Immune System Stimulation:**

The immune system is stimulated by passage of lymph in the lymph nodes.

This applies to both cellular immunity & humoral.

Immune reactions & antigen/antibody presentation are activated by the stimulation of lymph circulation.

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**The Importance of Lymph Function:** Lymph in its flow actually takes away the toxins, the germs, and the large molecules that the venous system can't regain. It can, in particular, remove "trapped proteins" and fat molecules in the tissues. Finally as it passes through the lymphatic nodes, small centres of filtration, it also manages our immune defences. Lymph leaves the waste and germs in the lymphatic nodes, and transports lymphocytes, specialized white corpuscles that produce antibodies.

It is easy to understand, therefore, its importance for the strength of our immune system, the state of our tissues and our general well-being. However, the lymphatic flow can stagnate or even stop for many reasons such as: e.g. fatigue, stress, emotional and muscle shock, lack of physical activity, certain food additives

If the lymphatic circulation slows down, the supplying and regeneration of cells is poorly carried out. Consequently, toxins accumulate, hastening the aging process and opening the gates to various physical problems.