Leather- Red Hair Sheep Skins- Part3: Guidelines For Grading On the Basis of Mass and Size

WD Stage

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ISO 23974‑3 was prepared by Technical Committee ISO/TC 120, *Leather*, Subcommittee SC 1, Raw hides and skins including pickled pelts.

ISO 23974 consists of the following parts, under the general title *Leather — Red Hair Sheep Skin*:

* *Part 1: Description of defects*
* *Part 2: Guidelines for grading on the basis of defects*
* *Part 3: Guidelines for grading on the basis of mass & size*

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# Leather – Red Hair Sheep Skins-Part 3: Guidelines For Grading On The Basis Of Mass And Size

# 1 SCOPE

This draft standard prescribes guidelines for grading raw red hair skins on the basis of their mass and size.

**2 NORMATIVE REFERENCES**

There are no norrmative references in this documents.

# 3 TERMS AND DEFINITIONS

For the purpose of this part of standard, the following terms and definitions apply.

**3.1 Butt**

The part of the skin after bellies and shoulders have been removed.

**3.2 Cured skin**

Skin which has been preserved after slaughtering by dry-salting , wet-salting or by sun-drying.

**3.3 Dry salted skin**

Skin dried in air after treating with common salt to preserve for a definite period.

**3.4 Fresh/green skin**

Skin after dissipation of normal body heat, trimmed and defatted and cleaned from dung and extraneous material.

**3.5 Shanks**

That portion of the skin which covers the leg of an animal between the knee and the ankle.

**3.6 Sun-dried skin**

Skin dried under the sun/in air to preserve for a definite period

**3.7 Wet salted skin**

Skin treated with salt to reduce the moisture content for preservation for a definite period.

**4 PRESENTATION**

Red hair sheep skins should be presented in the following forms:

a) Head cut straight behind the ears

b) Shanks cut off at right angles immediately above the knee (fore shanks) and hock (hind shanks)

c) Tail cut off not more than 40 mm from the butt.

**5 GRADING**

**5.1 Grading On the basis of size**

**5.1.1** *Measurement of length and area*

**5.1.1.1** With the skin folded lengthwise along the backbone line and laid flat, the length is measured from the root of the tail to the point where the front part of the throat is widest, measured at right angles to the fold line to the nearest 0.1 dm.

**5.1.1.2** The width of the skin is measured from the midpoint of the backbone line to the end of the belly at right angles to the backbone line to the nearest 0.1 dm.

**5.1.1.3** The area of the skin is determined by multiplying together the length and width measured in accordance with **5.1.1**.1 and **5.1.1.2** and rounding to the nearest 0.1 dm2.

 **5.1.2** Red hair sheep skins may be graded either on the basis of the length of the backbone line or on the basis of size (area) in accordance with Table 1.

**TABLE 1**

**Grading of raw red hair sheep skins on the basis of length or size**

|  |  |  |
| --- | --- | --- |
| **Category** | **Length (dm)** | **Size (area) dm2** |
| Extra small | Below 6 | Upto 30 |
| Lamb | 6, 1 to 7 | 31 to 37 |
| Small | 7, 1 to 8 | 38 to 46 |
| Medium | 8, 1 to 9 | 47 to 55 |
| Large | 9, 1 to 10 | 56 to 64 |
| Extra-large | 10, 1 and above | 65 and above |

**5.2 Grading On the basis of Mass**

**5.2.1 Determination of mass**

**5.2.1.1** Both dry salted and wet salted skins should be unfolded and shaken violently by knocking them flesh side down against the floor or on a horse to remove most of the salt. The remaining salt should then be removed by brushing. Skins should then be weighed individually to the nearest 0.1 kg.

**5.2.1.2** Fresh skins should be made free from excess water and weighed to the nearest 0.1 kg.

 **5.2.2** Red hair sheep skins may be graded on the basis of mass in accordance withTable 2.

**TABLE 2 – Grading of raw red hair sheep skins on the basis of mass**

|  |  |
| --- | --- |
| **Category** |  **Mass/Kg** |
|  | **Wet salted** | **Dry salted** | **Dried** |
| Lights | Upto 0.800  | Upto 0.50 | Upto 0.30 |
| Small | 0.800 to 1.0 | 0.50 to 0.60 | 0.30 to 0.40 |
| Medium | 1.0 to 1.10  | 0.60 to 0.66 | 0.40 to 0.44 |
| Heavy | 1.10 to 1.25  | 0.66 to 0.75 | 0.44 to 0.50 |
| Extra Heavy | 1.25 to 1.50  | 0.75 to 0.90 | 0.50 to 0.60 |

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