

**SASO 1617  
(GS 1275)**

**PRAYER RUGS**

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ICS: 59.080.40

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## PRAYER RUGS

### 1- SCOPE AND FIELD OF APPLICATION

This Gulf standard specifies woven prayer rugs with cut-pile, dyed or printed for one prayer use.

### 2- COMPLEMENTARY REFERENCES

- 2.1 GS 1276/2002 “Methods of Testing Prayer Rugs”.

### 3- DEFINITIONS

For the purpose of this standard, the following definitions shall apply:

- 3.1 Rug (or mat): A textile floor covering of a predetermined shape and limited dimensions.
- 3.2 Pile: The part of a floor covering consisting of textile yarns or fibres, cut or looped, projecting from the substrate and acting as a use-surface.
- 3.3 Substrate: A construction, integral with the use-surface and composed of one or more layers which serve as a support for the use-surface and possibly stabilizes the dimensions and/or acts as a cushion.
- 3.4 Use surface: That part of a textile floor covering directly exposed to traffic.
- 3.5 Tuft: A cut loop or two fibrils or filament clusters of one pile yarn.

### 4- REQUIREMENTS

The prayer rugs shall fulfill the following requirements:

- 4.1 The prayer rug shall be made with dimensions as agreed upon between the concerned parties. The width or length shall not be more than 1% less than the specified or more than 2% greater than specified.
- 4.2 It shall have regular selvages on both sides and the edges shall be folded and hem-stitched or finished by overlocking or whipping.
- 4.3 It shall have fringes at both ends of length.
- 4.4 Ornamented figures, if any, shall not be objecting to Islamic rules and culture and the rug shall be free from designs including the six-point star or the cross or living-bodies pictures or picture of Holy Kabba around which are prayers and it shall not carry Quranic Scripts or carrying Name of Allah or Prophet Mohamed (PBUH).

- 4.5 The pile yarn shall be composed of one or more of the following fibres:
- Wool
  - Cotton
  - Polyamide
  - Acrylic
  - Polyester
  - Polypropylene
- 4.6 Recycled fibres shall not be used.
- 4.7 Colour fastness requirements of dyed pile yarn (or printed pile yarn) shall be as specified in Table (1).

**TABLE (1)**  
**Colour Fastness Requirements of Pile Yarns**

Colour Fastness to	Requirement (Minimum)
Light (Blue Scale)	5
Rubbing: (Grey Scale)	
wet	4
dry	4
Shampooing (Grey Scale)	4
Rubbing with organic solvents (Grey Scale)	4

- 4.8 When protein fibre is used, the yarns shall be adequately treated for moth repellency.
- 4.9 The rug must be resistant to micro-organisms (mildew).
- 4.10 It shall be free from defects listed in Table (2), which might affect the appearance, durability or performance.

**TABLE (2)**  
**Defects**

Defects
<ul style="list-style-type: none"> <li>- Spot or stain.</li> <li>- Not evenly constructed to an extent affecting appearance.</li> <li>- Marks across rug.</li> <li>- Discoloured areas affecting appearance (variations in colour due to crushing of pile shall not be considered a defect).</li> <li>- Any noticeable unevenness on top surface affecting appearance.</li> <li>- Streak lengthwise or widthwise.</li> <li>- Objectionable odour.</li> <li>- Tufts missing in pile.</li> <li>- Any hole or tear through the back.</li> <li>- Seams not properly sewed or taped.</li> <li>- Edges not finished as required.</li> <li>- Poor colour match.</li> </ul>

- 4.11 It shall not contain any composition material that is likely to harm human body or the environment.
- 4.12 The physical requirements of the finished rug shall be as specified in Table (3).

**TABLE (3)**  
**Physical Requirements for Prayer Rugs**

Characteristic			Requirement
Thickness of pile above the substrate	(mm)	minimum	2.5
Thickness of rug	(mm)	minimum	3.5
Number of tufts per 100 cm <sup>2</sup>		minimum	4000
Total mass per unit area	(g/m <sup>2</sup> )	minimum	550
Tuft withdrawal force	(N)	minimum	3.2
Thickness loss under dynamic loading	(%)	maximum	30
Dimensional change after cold water immersion	(%)	maximum	2
Oils and fats content for pile yarn	(%)	maximum	1

**5- TESTING****5.1 Sampling**

Sampling shall be made as follows unless otherwise agreed upon.

5.1.1 The consignment shall be divided into lots so that each lot contains a number of rugs of the same composition, size, design and construction particulars.

5.1.2 A number of rugs shall be selected at random from each lot, depending upon the size of the lot and shall be in accordance with Table (4).

5.1.3 Rugs selected from the lot shall be examined for ascertaining their conformity to the requirements of this standard.

**TABLE (4)**  
**Samples Size**

Lot Size (rug)	Samples Size (rug)
Up to 50	2
51 - 250	3
251 - 1200	5
1201 and above	8

**5.2 Methods of Test**

Tests shall be carried out according to the Gulf standard referred to in 2.1.

**5.3 Tests**

The representative samples drawn according to item 5.1 shall be subjected to the following tests:

5.3.1 Visual inspection.

5.3.2 Measurement of thickness.

5.3.3 Determination of thickness of pile above the substrate.

5.3.4 Determination of width and length.

5.3.5 Determination of number of tufts per unit area.

5.3.6 Determination of mass per unit area.

5.3.7 Determination of tufts withdrawal force.

5.3.8 Determination of thickness loss under dynamic loading.

5.3.9 Determination of dimensional change in varying moisture conditions.

- 5.3.10 Determination of oils and fats contents.
- 5.3.11 Determination of resistance to attack by cloth moth.
- 5.3.12 Determination of resistance to attack by micro-organisms.
- 5.3.13 Determination of colour fastness to light.
- 5.3.14 Determination of colour fastness to rubbing.
- 5.3.15 Determination of colour fastness to shampooing.
- 5.3.16 Determination of colour fastness to rubbing with organic solvents.
- 5.3.17 Determination of fibre composition.

## **6- PACKAGING**

Packaging shall be made according to the method specified below, unless otherwise specially agreed upon between the concerned parties.

- 6.1 Each rug shall be folded or rolled lengthwise with its pile face inside and adequately secured to prevent unwinding.
- 6.2 It shall then be wrapped in polyethylene film or kraft paper or any other appropriate material.
- 6.3 The wrapping material shall be moisture-proof, non-staining and of sufficient size to cover completely the folded rug or roll with adequate overlapping.
- 6.4 A suitable number of rugs shall be placed in a container or box and firmly closed.

## **7- MARKING AND LABELLING**

- 7.1 A label shall be attached to an end part of the rug on its back, indelibly and clearly, marked in Arabic or Arabic and English the following information:
  - 7.1.1 The name of the product.
  - 7.1.2 Manufacturer's name and/or trademark.
  - 7.1.3 Width and length in centimetres.
  - 7.1.4 Composition of the pile yarn.
  - 7.1.5 Country of origin.
- 7.2 Each container shall be marked with the following information.
  - 7.2.1 The information given in items 7.1.1 to 7.1.5.
  - 7.2.2 Quantity (number of pieces) in the container.
  - 7.2.3 Gross weight.

**8- RULES OF ACCEPTANCE AND REJECTION**

- 8.1 Each consignment of rugs shall be accompanied by a certificate indicating its compliance with the requirements of this standard.
- 8.2 The lot shall be considered conforming to the requirements of this standard if the samples representing it pass all the tests specified in this standard, otherwise, it shall be considered non-conforming.