

**IAPMO SPS 4-2019**

**Special Use Suction  
Fittings for Swimming  
Pools, Spas and Hot  
Tubs (for Suction Side  
Automatic Swimming  
Pool Cleaners)**



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# ***IAPMO Standard***

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### **Special Use Suction Fittings for Swimming Pools, Spas and Hot Tubs (for Suction Side Automatic Swimming Pool Cleaners)**

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# IAPMO SPS 4-2019

## Special Use Suction Fittings for Swimming Pools, Spas and Hot Tubs (for Suction Side Automatic Swimming Pool Cleaners)

### 1 Purpose

#### 1.1 General

- 1.1.1** This Standard covers special use suction fittings which are designed to be totally submerged and of suitable material for use in swimming pools, spas, and hot tubs and specifies requirements for materials, physical characteristics, performance testing, and markings.
- 1.1.2** A component varying in design and/ or operation may qualify under this standard. Appropriate tests and investigations shall indicate the component performs as well as components complying with this standard. Such components shall meet the requirements for materials, finishes and construction in this Standard. A general concept of products covered under this Standard is shown in Figure 1.
- 1.1.3** The fittings, covered by this Standard, are identified for use in swimming pools, spas, and hot tubs to provide safety from body and hair entrapment, reflecting the current state of the art of industry testing.

#### 1.2 Alternative Materials

The requirements of this Standard are not intended to prevent the use of alternative materials or methods of construction provided such alternatives meet the intent and requirements of this Standard.

#### 1.3 Terminology

In this Standard,

- (a) “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy to comply with the Standard;
- (b) “should” is used to express a recommendation, but not a requirement;
- (c) “may” is used to express an option or something permissible within the scope of the Standard; and
- (d) “can” is used to express a possibility or a capability.

Notes accompanying sections of the Standard do not specify requirements or alternative requirements; their purpose is to separate explanatory or informative material from the text. Notes to tables and figures are considered part of the table or figure and can be written as requirements.