

# ALUMINUM GROOVED FITTINGS



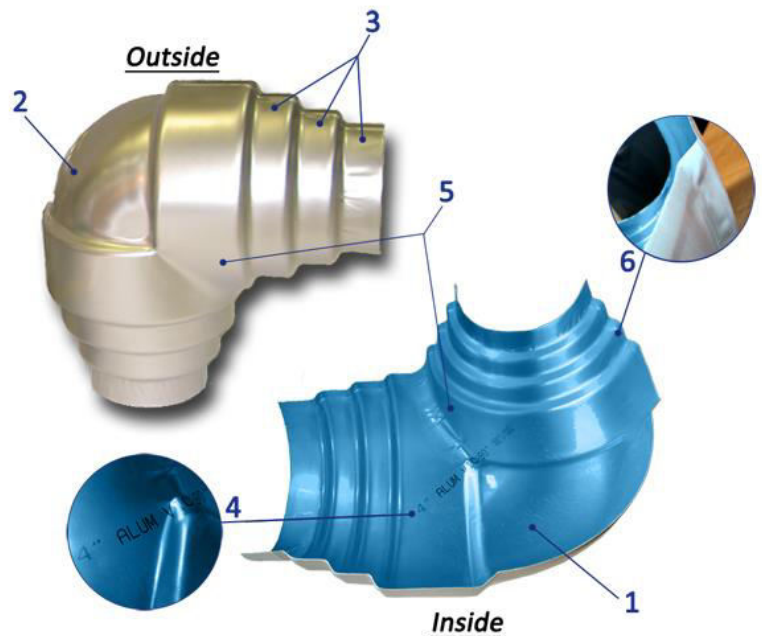
## Description

Shur-Fit Products' Aluminum Grooved Fittings are produced with .024" thick ultrapure 1100 series aluminum. 100% manufactured in North America, the 1100 series aluminum alloy naturally provides a high resistance to corrosion and is a very durable fitting.

Our two-piece pressed aluminum fittings significantly reduce installation time and are specially designed to fit all groove lock systems. They eliminate the need for oversized pipe insulation, oversized jacketing, bevels or end caps.

## Product features

1. Factory applied polyester moisture barrier coating on the interior prevents pitting and is engineered to provide extra corrosion and moisture resistance.
2. The exterior polyester clear coating is factory applied to maintain the exterior smooth finish and for protection against oxidation, corrosion, water, abrasions and fingerprint staining.
3. 90's, 45's and tees have insulation steps that are designed to easily accommodate 1", 1 ½" and 2" thick insulation. These dimensions conform to ASTM 585. The insulation steps provide sizing flexibility on the jobsite and reduces the need for excess inventory. Couplings are designed for each insulation OD. *(Please refer to size chart on 2nd page)*
4. Sizes are printed on the inside of each piece for easy identification.
5. The two-piece construction reduces the use of caulking on multiple joints and significantly reduces installation time.
6. The centerline rib on the heel accommodates the necessary overlap for a precision quality professional fit and finish while adding strength to the fitting.



## Recommended uses:

Our fittings are designed to fit all groove lock piping systems. Metal jacketing offers the longest service life and is a standard solution for any outdoor application. Metal cladding delivers complete protection against water, UV rays, corrosion, and mechanical abuse from personnel, machinery and animals.

## Technical specifications

	Value/unit	Spec. compliance
Gauge/ thickness	.024"	ANSI H35.2
Composition	1100 Aluminum	ASTM B209-10 & ASME SB-209
Finish	Smooth	—
Moisture Barrier	Polyester	ASTM C1729
Exterior Paint	Polyester	ASTM C1729
Emmittance	.5	ASTM 1371
Flammability	0	HMIS
Insulation Steps Dimensions	1", 1 1/2" and 2"	ASTM 585

## Size chart

90° and 45° elbows and tees (excluding 8" tee) are designed for each IPS (from 2" to 8"). Each size allows you to install 1", 1 1/2" and 2" thick insulation. Please see below the couplings size chart.

IPS	Insulation Thickness		
	1"	1-1/2"	2"
2"	4	6	7
2 1/2"	5	7	8
3"	6	7	8
4"	7	8	9
6"	9	10	11
8"	11	12	13



90° elbow



Tee



Coupling



45° elbow



*Shur-Fit proudly sources raw materials from mills that are recognized for their quality and consistency in the USA. The finished goods are then manufactured in Burnaby, BC.*

