



ALLIANCE HOSE & EXTRUSIONS INC.

# Elbows

Silicone elbow hose with polyester or aramid reinforcements for heavy duty, resistant to high temperatures and pressure.

Recommended for use to transport pressurized air or water at high temperature, they can be used in any kind of vehicles in the transportation industries.

For use in sections with curves.

Our products have great resistance to ozone, thermal aging and oxidizing agents.



## Construction

AHE silicone with polyester or aramid fabric reinforcements.

## Reinforcements

3 or 4 plies (standard).

## Temperature

Polyester Fabric: (-67°F to +350°F)

Aramid Fabric: (-67°F to +500°F)

## Certificates

Meets and exceeds SAE J20 R1 Class A specifications.

## Dimensions

45° and 90° with 3" or 6" length standard size. Custom bends and lengths available.

## Color

Blue, black and red.



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## 45° Elbows

AHE Part Number	I.D	Side A	Side B	Outside Length	Plies	Wall thickness	Working Pressure (PSI min)	Burst Pressure (PSI min)
AHP4533200-3BL	2"	3"	3"	9.5"	3	0.200	19	49
AHP4533400-3BL	4"	3"	3"	9.5"	3	0.170	56	225
AHP4543175-3BL	1 3/4"	3"	3"	9.5"	4	0.200	31	125
AHP4543250-3BL	2 1/2"	3"	3"	9.5"	4	0.200	19	49
AHP4543300-3BL	3"	3"	3"	9.5"	4	0.200	88	350
AHP4543350-3BL	3 1/2"	3"	3"	9.5"	4	0.200	75	299
AHP4543400-3BL	4"	3"	3"	9.5"	4	0.200	63	250
AHP4546400-3BL	4"	3"	3"	9.5"	4	0.200	63	250
AHP4546275-3BL	2 3/4"	3"	3"	9.5"	4	0.200	50	200
AHP4546300-3BL	3"	3"	3"	9.5"	4	0.200	50	200
AHP4556275-3BL	2 3/4"	3"	3"	9.5"	5	0.200	37	149
AHP4553400-3BL	4"	3"	3"	9.5"	5	0.200	63	250
AHP4556400-3BL	4"	3"	3"	9.5"	5	0.230	37	149
AHP4556250-6BL	2 1/2"	6"	6"	16"	5	0.230	88	350
AHP4546275-6BL	2 3/4"	6"	6"	16"	4	0.230	75	299
AHP4543300-6BL	3"	6"	6"	16"	4	0.230	63	250
AHP4543350-6BL	3 1/2"	6"	6"	16"	4	0.230	50	200
AHP4543400-6BL	4"	6"	6"	16"	4	0.230	37	149
AHP4543250-6BL	2 1/2"	6"	6"	16"	4	.209	19	49
AHP4546400-6BL	4"	6"	6"	16"	4	0.230	63	250
AHP4553400-6BL	4"	6"	6"	16"	5	0.230	50	200

## 90° Reducing Elbows

AHE Part Number	I.D 1	I.D 2	Side A	Side B	Outside Length	Plies	Wall Thickness	Working Pressure (PSImin)	Burst Pressure (PSImin)
AHP9043200250-6BL	2"	2 1/2"	6"	6"	13"	4	0.200	75	299
AHP9043275300-4BL	2 3/4"	3"	4"	4"	13.5"	4	0.200	50	200



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## 90° Elbows

AHE Part Number	I.D	Side A	Side B	Outside Length	Plies	Wall Thickness	Working Pressure (PSI min)	Burst Pressure (PSI min)
AHP9033350-3BL	3 1/2"	3"	3"	9.5"	3	0.200	19	49
AHP9033175-6BL	1 3/4"	6"	6"	13.5"	3	0.170	56	225
AHP9033275-6BL	2 3/4"	6"	6"	13.5"	3	0.170	31	125
AHP9033350-6BL	3 1/2"	6"	6"	13.5"	3	.0170	19	49
AHP9043200-6BL	2"	6"	6"	13.5"	4	0.200	88	350
AHP9043225-6BL	2 1/4"	6"	6"	13.5"	4	0.200	75	299
AHP9043250-6BL	2 1/2"	6"	6"	13.5"	4	0.200	63	250
AHP9043275-6BL	2 3/4"	6"	6"	13.5"	4	0.200	63	250
AHP9043300-6BL	3"	6"	6"	13.5"	4	0.200	50	200
AHP9043350-6BL	3 1/2"	6"	6"	13.5"	4	0.200	50	200
AHP9043400-6BL	4"	6"	6"	13.5"	4	0.200	37	149
AHP9046400-6BL	4"	6"	6"	13.5"	4	0.230	37	149
AHP9056275-3BL	2 3/4"	3"	3"	9.5"	5	0.230	63	250
AHP9053400-3BL	4"	3"	3"	9.5"	5	0.230	37	149
AHP9053200-6BL	2"	6"	6"	13.5"	5	0.230	88	350
AHP9053225-6BL	2 1/4"	6"	6"	13.5"	5	0.230	75	299
AHP9053250-6BL	2 1/2"	6"	6"	13.5"	5	0.230	63	250
AHP9053300-6BL	3"	6"	6"	13.5"	5	0.230	50	200
AHP9053400-6BL	4"	6"	6"	13.5"	5	0.230	37	149
AHP9053400-7BL	4"	7"	7"	16.5"	5	0.230	37	149
AHP9056250-6BL	2 1/2"	6"	6"	13.5"	5	0.230	63	250
AHP9056300-6BL	3"	6"	6"	13.5"	5	0.230	50	200

### Custom hose

AHPS43275-10.25BL	2 3/4"	6"	6"	10.25"	4	0.200	63	250
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