

INCH-POUND

MIL-PRF-32107/4

27 June 2002

PERFORMANCE SPECIFICATION SHEET

HOSE, AIR DUCT
ELBOW, HALF-ROUND

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification and MIL-PRF-32107.

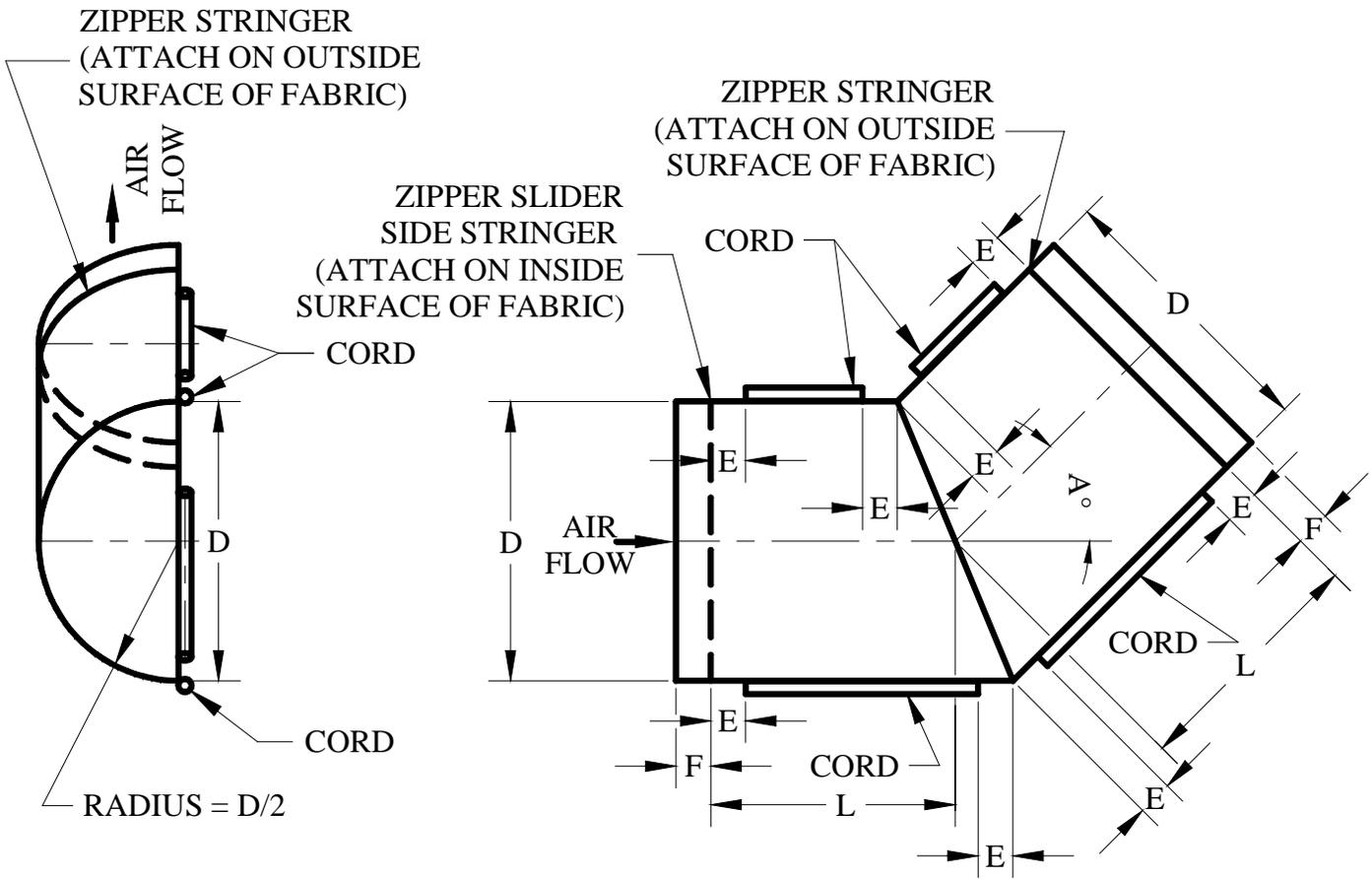


FIGURE 1. Elbow, Half-Round, 30, 45, and 60 Degrees

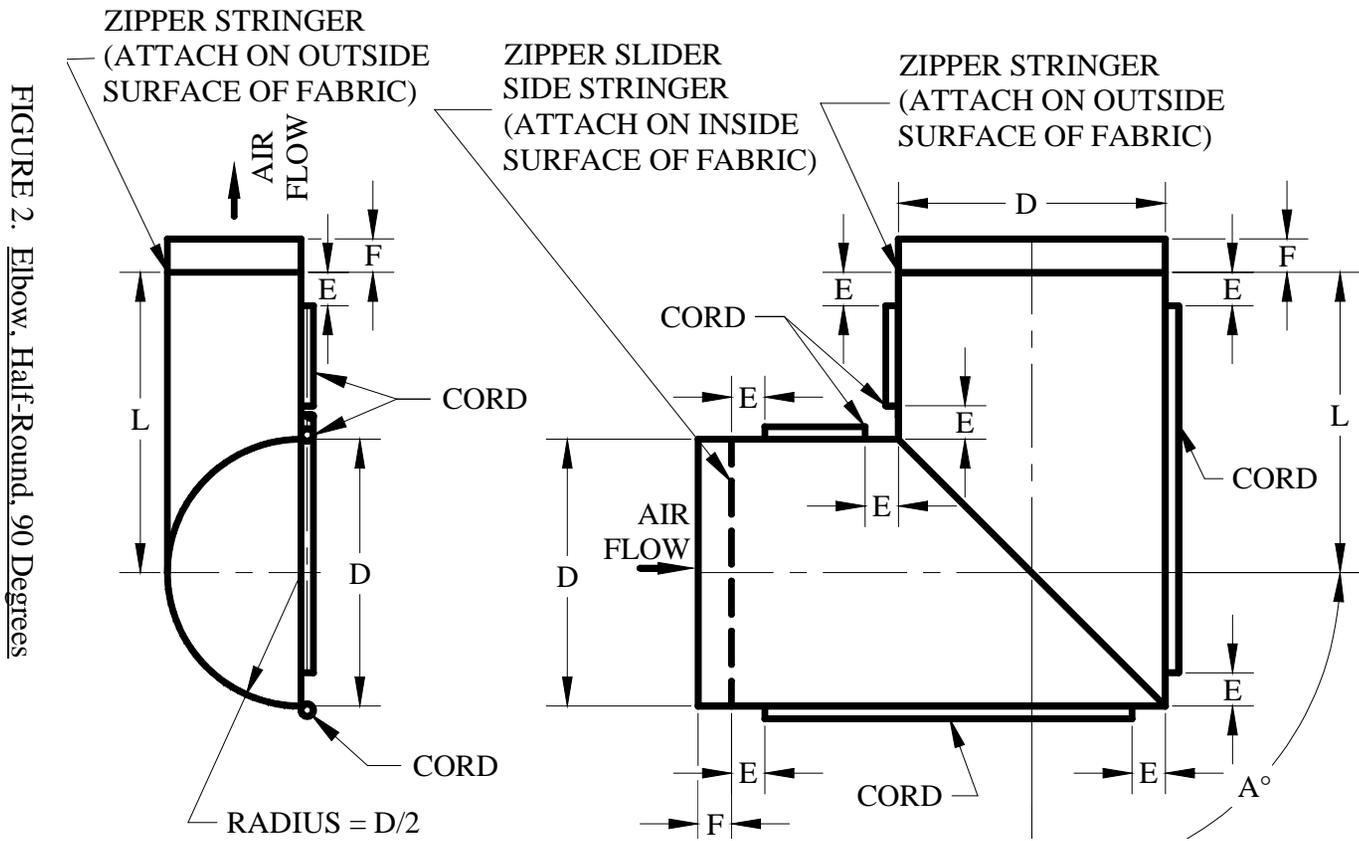


FIGURE 2. Elbow, Half-Round, 90 Degrees

TABLE I. Dimensions.

Size	Angle of Elbow	A		D		E		F		L	
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min
2	30	29	31	8.125	8.00	1.00	0.75	1.50	1.00	8.25	8.00
	45	44	46							8.75	8.50
	60	59	61							9.25	9.00
	90	89	91							10.25	10.00
4	30	29	31	12.125	12.00	1.00	0.75	1.50	1.00	9.25	9.00
	45	44	46							9.75	9.50
	60	59	61							10.25	10.00
	90	89	91							12.25	12.00
5	30	29	31	14.125	14.00	1.00	0.75	1.50	1.00	9.25	9.00
	45	44	46							10.25	10.00
	60	59	61							11.75	11.50
	90	89	91							13.25	13.00
6	30	29	31	16.125	16.00	1.00	0.75	1.50	1.00	9.75	9.50
	45	44	46							10.75	10.50
	60	59	61							12.25	12.00
	90	89	91							14.25	14.00

Notes:

1. Dimension “A” is in degrees, all other dimensions are in inches.
2. Abbreviations: Max = Maximum; Min = Minimum.
3. The illustrations are for identification purposes only and are not intended to resist designs and shapes of textile duct, which conform to the requirements and are within the envelope dimensions.
4. Figures 1 and 2 depict Left bending elbows. Right elbows are the same except for the direction of bend.

PIN: Consists of the letter M, the basic number of the specification sheet, and a dash number compiled from the code.

Specification sheet number _____ Dash number _____

M32107/4- 2 R 9 3
 Size Direction of Elbow Degree Permeability Range

PIN CODE

<u>Size (Nominal Diameter)</u>	<u>Direction of Elbow</u>	<u>Degree</u>	<u>Permeability Range</u>
2 – 8 Diameter	R = Right	3 = 30 Degrees	1 = Permeability 5
4 – 12 Diameter	L = Left	4 = 45 Degrees	2 = Permeability 15
5 – 14 Diameter		6 = 60 Degrees	3 = Permeability 20
6 – 16 Diameter		9 = 90 Degrees	4 = Permeability 25
			5 = Permeability 40

REQUIREMENTS:

1. Half- round textile duct elbows shall be in accordance with Figure 1 or Figure 2 and Table I.
2. Material: See acquisition specification.
3. Zippers: See acquisition specification.
4. Color: See acquisition specification.
5. Permeability range: See acquisition specification.

CHANGES FROM PREVIOUS ISSUE: Not applicable

Custodian:
Navy – SH

Preparing activity:
Navy – SH
(Project 4720-0334-04)

Review activities:
Navy – NP, SA
DLA – CC
CIV – 7FXE