

STYLE 600 FLUE DUCT EXPANSION JOINTS and NAVY FAN CONNECTORS



Style 600 Rubber Flue Duct Expansion Joints and Navy Fan Connectors are designed to handle hot air or gasses in industrial duct work, as well as those generated by power plant and pollution control equipment. They are custom constructed of rubber and fabric to absorb thermal movements and vibration in duct work and to aid in the elimination of noises caused by scrubber equipment and mechanical dust collectors.

MIGHTY-SPAN is capable of handling any combination of large movements which might occur in a ducting system due to thermal expansion. MIGHTY-SPAN creates almost no load on damper and fan interfacing flanges, thus providing much needed protection in these critical areas.

A wide range of elastomers and fabric substrates are available to provide maximum resistance to corrosion and high temperature capabilities. Let UNAFLEX® assist you in selecting the MIGHTY-SPAN product for your application.

Available in a wide choice of materials and [Drill Patterns](#)

Style 600 joints may be constructed of *Nomex® (to 400°F), fiberglass or polyester cloth impregnated with one of the following:



- **Neoprene:** Resistant to heat, adverse weather conditions, ozone and flue gases. Impervious to fats, oils, greases and other petroleum products. Recommended for use up to 250°F).
- **Chlorobutyl:** An elastomer with all of the above advantages of neoprene with the exception of its inability to withstand oil. Designed for 300°F environments.
- ***Viton®:** In addition to providing all of the properties of Neoprene, Viton® is highly resistant to mineral acids and usable in 400°F applications
- **Silicone:** A high-quality elastomer, recommended for all environments except those with sulfur gas (SO₂ or SO₃). Usable in -70 to 500°F applications.



ROUND / STANDARD SIZE: 3" F to F

FAN SIZE	ID	OD	BC	# HOLES	HOLE SIZE
A 1/4	9-3/4	12-3/4	11-3/4	12	7/16"
A 1/2	10-1/2	13-1/4	12-1/8	14	9/16"
A 1	12-3/4	16	14-3/4	16	9/16"
A 1-1/2	14-1/4	17-1/2	16	20	9/16"
A 2	15-1/2	18-7/8	17-1/2	18	9/16"
A 2-1/2	15-1/2	18-7/8	17-1/2	18	9/16"
A 3	21-1/8	24-5/8	23-1/4	24	9/16"
A 3-1/2	22-1/8	25-7/8	24-1/2	24	9/16"
A 4	22-1/8	25-7/8	24-1/2	24	9/16"
A 4-1/2	18	21-1/4	19-3/4	24	9/16"
A 5	23-1/4	26-9/16	25-1/4	26	9/16"
A 6	25-1/8	28-5/8	27-1/4	30	9/16"
A 7	19-1/2	22-3/4	21-1/4	28	9/16"
A 8	27-1/4	30-9/16	29-1/4	30	9/16"
A 10	29-1/4	32-5/8	31-1/4	32	9/16"
A 11	31-1/4	35-5/8	33-5/16	36	9/16"
A 12	29-1/4	32-5/8	31-1/4	32	9/16"
A 16	31-1/4	35-5/8	33-5/16	36	9/16"
A 17	34-1/4	38-5/8	36-5/8	44	9/16"
A 20	36	39-7/16	38	40	9/16"
A 25	42-1/4	45-9/16	44-5/16	46	9/16"
A 28	36	40-3/8	38	40	9/16"
A 30	44-1/4	49-3/8	46-5/16	48	9/16"
CC 1/4	6	9	-	-	-
CC 1/2	9-5/8	12-7/8	11-1/8	12	9/16"
CC 1	11-1/4	14-1/4	12-3/4	16	9/16"
CC 1-1/2	18-1/4	21-1/4	19-3/4	20	9/16"



ROUND / STANDARD SIZE: 3" F to F

FAN SIZE	ID	OD	BC	# HOLES	HOLE SIZE
CC 2	19-3/8	22-3/8	20-7/8	24	9/16"
CC 3	22-3/4	25-3/4	25	28	9/16"
CC 4	24-1/2	27-1/2	26	28	9/16"
CC 5	24-1/2	27-1/2	26	28	9/16"
CC 6	33	36	34-1/2	36	9/16"
CC 8	36-7/8	39-7/8	38-3/8	40	9/16"
CC 10	36-7/8	39-7/8	38-3/8	44	9/16"
C 1/2	8-1/4	11-1/4	-	-	-
C 1	8-1/4	11-1/4	-	-	-
C 2	15	18	-	-	-
C 3	18-1/2	21-1/2	-	-	-
C 4	20-3/4	23-3/4	-	-	-
C 5	21-1/2	24-1/2	-	-	-
C 6	26-5/8	29-5/8	-	-	-
C 8	28-1/2	31-1/2	-	-	-
C 10	28	31	-	-	-
A 101	20-1/8	23-9/16	22-1/4	24	9/16"
A 102	21-1/8	24-9/16	23-1/4	24	9/16"
A 103	21-1/8	24-9/16	23-1/4	24	9/16"
A 104	21-1/8	24-9/16	23-1/4	24	9/16"

MATERIAL SPEC

3/16" NEOPRENE w/ POLYESTER FABRIC REINFORMENT

CONFORMS TO MIL-R-6855, CLASS 2, 40 DUROMETER

3" F to F U-TYPE / 6" F to F SINGLE ARCH and DOUBLE ARCH

RECTANGULAR / STANDARD SIZE: 3" F to F

FAN SIZE	ID	ID	OD	OD
CC 1/4	6	5	9	8
CC 1/2	11-1/4	4-7/16	14-1/4	7-7/16
CC 1	11-13/16	6-1/8	14-13/16	9-1/8
CC 1-1/2	14-3/4	10-5/8	17-3/4	13-5/8
CC 2	16-3/8	11-3/4	19-3/8	14-3/4
CC 3	20	12-1/8	23	15-1/8
CC 4	21-3/4	13-1/4	24-3/4	16-1/4
CC 5	21-3/4	14-1/8	24-3/4	17-1/8
CC 6	29-1/4	18-3/8	32-1/4	21-3/8
CC 10	32-1/4	20-7/8	35-1/4	23-7/8
C 1/2	6-1/4	5-3/8	9-1/4	8-3/8
C 1	7-3/4	9-5/8	10-3/8	12-5/8
C 2	9-1/2	15	12-1/2	18
C 3	14	15-7/8	17	18-7/8
CC 1/2	4-3/16	11	7-3/16	14
CC 1	11-9/16	5-7/8	14-9/16	8-7/8
CC 1-1/2	10-3/8	14-1/2	13-3/8	17-1/2
CC 2	16-1/8	11-1/2	19-1/8	14-1/2
CC 3	11-3/4	19-3/8	14-3/4	22-3/8
CC 4	12-7/8	21-1/2	15-7/8	24-1/2
CC 5	13-3/4	21-1/2	16-3/4	24-1/2
CC 6	18	29	21	32
CC 8	19-3/8	32-1/4	22-3/8	35-1/4
CC 10	20-9/16	32-1/4	23-9/16	35-1/4



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