

# RigiDuct®

## Filament-Wound Fiberglass Tubing

The strength of RigiDuct® is derived from filament-wound fiberglass rovings reinforced with polyester fibers for added durability and resiliency. RigiDuct® has greater strength than non-filament wound fiberglass or PVC duct; yet, the tubing is as light as other plastic-made ducting and much lighter than comparable metal ducting.

A unique feature of ABC Industries' RigiDuct® is the WireGuard reinforcement. During the manufacturing process, a web of steel wire is constructed within the fiberglass rovings to increase the tubing's strength under high degrees of negative pressure. The wire provides a lightweight, economical solution for strengthening the ducting while providing superior impact resistance.

Tough polyester resins, coupled with the inherent resiliency of fiberglass and polyester fibers, make RigiDuct® highly resistant to attack from acidic or alkaline conditions. UV stabilized; rubberized elastic gaskets\* resist degrading and remain pliable in cold weather applications.

RigiDuct® is approved by the United States Mine Safety and Health Administration (MSHA).

\*Available upon request



## OPTIONS

RigiDuct® is offered in light, standard, WireGuard, and extended-duty weights. Anti-static RigiDuct® is also available.

### STANDARD-DUTY (SD) ROUND RIGIDUCT® SIZES

8" (200 mm)	18" (450 mm)	28" (700 mm)
10" (250 mm)	20" (500 mm)	30" (750 mm)
12" (300 mm)	22" (550 mm)	36" (900 mm)
14" (350 mm)	24" (600 mm)*	42" (1,050 mm)
16" (400 mm)	26" (650 mm)	48" (1,200 mm)

\*NOTE: WireGuard and extended-duty round RigiDuct® are available in 24" (600 mm) diameter and larger.

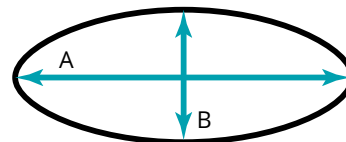
### STANDARD-DUTY OVAL RIGIDUCT® SIZES

14" (350 mm)	22" (550 mm)	36" (900 mm)
16" (400 mm)	24" (600 mm)	42" (1,050 mm)
18" (450 mm)	30" (750 mm)	45" (1,150 mm)
21" (550 mm)**		

\*\*NOTE: Extended-duty oval RigiDuct® is available in 21" (550 mm) equivalent diameter and larger.

### EQUIVALENT ROUND DIAMETERS FOR OVAL RIGIDUCT®

RigiDuct® Size for Specifying		Spigot End <i>Note: Add 1" (25 mm) to dimensions to determine bell end equivalents.</i>				Equivalent Round Diameter (I.D.)	
		A		B			
INCHES	mm	INCHES	mm	INCHES	mm	INCHES	mm
14	350	17.125	450	9.125	250	12.500	300
16	400	19.750	500	10.875	300	15.125	400
18	450	22.500	550	11.125	300	16.500	400
21	550	26.500	650	12.000	300	19.125	500
22	550	28.750	750	14.250	350	21.125	550
24	600	30.000	750	16.000	400	22.500	550
30	750	36.500	950	20.500	500	28.100	700
36	900	43.000	1,100	26.000	650	34.375	850
42	1,050	51.000	1,300	28.000	700	39.250	1,000
45	1,150	54.000	1,350	32.500	850	43.125	1,100



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