

3M™ Scotch-Weld™ Structural Adhesives

Coverage Guide

Approximate Coverages for 3M™ Scotch-Weld™ Adhesives in Duo-Pak Cartridges

Bead Size Dimension* inches/mm	Linear ft/m per 37 mL (2:1 Cart.)	Linear ft/m per 43 mL (2:3 Cart.)	Linear ft/m per 45 mL (10:1 Cart.)	Linear ft/m per 50 mL (1:1 & Cart.)	Linear ft/m per 200 mL (1:1 & 2:1 Cart.)	Linear ft/m per 400 mL (1:1 & 2:1 Cart.)	Linear ft/m per 490 mL (10:1 Cart.)	Linear ft/m per 295 mL (1/10 gal. Cart.)
1/2 in (12.7 mm)	2 ft (0.6 m)	2 ft (0.7 m)	2 ft (0.7m)	2.5 ft (0.8 m)	10 ft (3 m)	21 ft (6 m)	26 ft (8 m)	20 ft (6 m)
3/8 in (9.5 mm)	3.5 ft (1 m)	4 ft (1 m)	4 ft (1 m)	4.5 ft (1 m)	18 ft (6 m)	37 ft (11 m)	45 ft. (14 m)	35 ft (11 m)
1/4 in (6.4 mm)	8 ft (2 m)	9 ft (3 m)	9 ft (3 m)	11 ft (3 m)	41 ft (13 m)	83 ft (25 m)	102 ft (31 m)	79 ft (24 m)
1/8 in (3.2 mm)	31 ft (9 m)	36 ft (11 m)	37 ft (11 m)	42 ft (13 m)	165 ft (50 m)	331 ft (101 m)	405 ft (123 m)	312 ft (95 m)
1/16 in (1.6 mm)	122 ft (37 m)	142 ft (43 m)	147 ft (45 m)	165 ft (50 m)	656 ft (200 m)	1,313 ft (400 m)	1,600 ft (488 m)	1,234 ft (376 m)

Coverages per Gallon for Various Thicknesses of 100% Solids 3M Adhesives

Wet Thickness inches/mm	Ft ² /gal (m ² /liter)	Gal/1,000 ft ² (liter/1,000 m ²)
1/2 in (12.7 mm)	3 ft ² (0.1 m ²)	312 gal (12,700 liter)
1/8 in (3.2 mm)	13 ft ² (0.3 m ²)	78 gal (3,175 liter)
1/16 in (1.6 mm)	26 ft ² (0.6 m ²)	39 gal (1,587 liter)
1/32 in (0.8 mm)	51 ft ² (1 m ²)	20 gal (794 liter)
25 mils (0.64 mm)	64 ft ² (1.5 m ²)	16 gal (635 liter)
5 mils (0.13 mm)	320 ft ² (8 m ²)	3 gal (127 liter)

Coverages per Gallon for Various Bead Sizes of 100% Solids 3M Adhesives

Bead Size Dimension* inches/mm	Approx. lineal ft/gal (m/liter)	Approx. gal/1,000 lineal ft (liter/1,000 m)
1/2 in (12.7 mm)	196 ft (16 m)	5 gal (63 liter)
3/8 in (9.5 mm)	350 ft (28 m)	3 gal (36 liter)
1/4 in (6.4 mm)	785 ft (63 m)	1.3 gal (16 liter)
1/8 in (3.2 mm)	3,130 ft (252 m)	0.3 gal (4 liter)
1/16 in (1.6 mm)	12,420 ft (1,000 m)	0.1 gal (1 liter)

* Bead size is semi-circular bead with width equal to size noted and height at center of bead equal to 1/2 the width.

NOTE: The technical information and data provided here should be considered representative or typical only and should not be used for specification purposes.

Coverage for 3M™ Scotch-Weld™ PUR Adhesives

Approximate coverage per container (linear foot per container based on 1/8" dia. bead size)

1/10 Gallon Cartridge	2 Kilo Bag	5 Gallon Pail	55 Gallon Drum
250' (76.2m)	1,650' (502.9m)	13,500' (4144.8m)	170,200' (51876.9m)