

SPECIALTY SERIES

SEALTITE® NWC RADIATION RESISTANT FLEXIBLE CONDUIT



DESCRIPTION

- Flexible metal core liquid-tight conduit
- Special polyethylene jacket that provides resistance to radiation
- Suitable for use in nuclear containment areas
- Uses standard liquid-tight connectors for easy installation

SPECIFICATIONS

- Galvanized steel core with liquid-tight polyethylene jacket
- Colour: black
- Temp. range: -40°C to +89°C (-40°F to + 192°F)
- Radiation resistant
- Corrosion resistant
- Meets IEEE 323-1974 and IEEE 383-1974 guidelines
- Acceptable for use in nuclear containment areas

APPLICATIONS

- Applications requiring radiation resistance
- Power generation, military, and medical

METALLIC
SEALTITE®



Square-Locked Design with integral bonding wire 3/8" - 1-1/4"

Interlocked Design 1-1/2" - 4" with no bonding wire



Trade Size	Item ID	Std. Pkg. m (ft)	Inside Diameter Min	Outside Diameter		Bend Radius	Weight kg/m (lbs/cft)
				Min	Max		
3/8" (12)	433999	30 (100)	12.29 (0.484)	17.50 (0.690)	18.00 (0.710)	253 (8)	0.37 (25)
1/2" (16)	434009	30 (100)	15.80 (0.622)	20.80 (0.820)	21.30 (0.840)	229 (9)	0.43 (29)
3/4" (21)	434019	30 (100)	20.83 (0.820)	26.17 (1.030)	26.67 (1.050)	330 (13)	0.65 (44)
1" (27)	434029	30 (100)	26.44 (1.041)	32.80 (1.290)	33.40 (1.315)	381 (15)	1.09 (73)
1-1/4" (35)	434039	15 (50)	35.05 (1.380)	41.40 (1.630)	42.20 (1.660)	457 (18)	1.49 (100)
1-1/2" (41)	434049	15 (50)	40.01 (1.575)	47.40 (1.865)	48.30 (1.900)	508 (20)	1.67 (112)
2" (53)	434059	15 (50)	51.31 (2.020)	59.40 (2.340)	60.30 (2.375)	559 (22)	2.2 (148)
2-1/2" (63)	434069	7.6 (25)	62.99 (2.480)	72.10 (2.840)	73.00 (2.875)	610 (24)	2.71 (182)
3" (78)	434079	7.6 (25)	77.98 (3.070)	87.90 (3.460)	88.90 (3.500)	762 (30)	3.79 (255)
4" (103)	434089	7.6 (25)	101.60 (4.000)	113.30 (4.460)	114.30 (4.500)	915 (36)	5.39 (362)

All dimensions in mm (inches) unless stated

FITTINGS FINDER



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