

Alco

NMUA Type Non-Metallic Conduit

FEATURES:

Applications	Provides superior heat, oil & chemical resistance in high/low temperature conditions
Function	Provides protection where temperature conditions are higher or lower than normal
Features	Rigid, non-metallic construction grade conduit with reinforced embedded wall for exceptional crush, abrasion, strain and corrosion resistance Durable, sunlight resistant and flame retardant grey thermoplastic PVC cover Uses standard liquid-tight fittings for easy installation Smooth appearing cover for exposed application with convenient markings in feet No copper ground wire Approved for direct burial
Approvals	IP67 rating Complies with NEC Article 356 and UL Standard 1660 File No. E-211327; CSA 22.2 File No. 020817
Temperature Range	-27°C to +80°C for dry locations -27°C to +60°C for wet locations -27°C to +70°C for oil locations



TECHNICAL DATA:

CLASSIFICATION	VALUE	DESCRIPTION
Compression resistance	2	Light (320N)
Impact resistance	3	Medium (2J)
Minimum temperature	4	-27°C
Maximum temperature	3	+105°C
Bending resistance	4	Flexible
Electrical properties	3	With continuity and insulating characteristics
Resistance to ingress of solid foreign objects (I)	6	Protected against dust (dustproof)
Resistance to ingress of water (P)	7	Watertight (1 metre deep, 30 min.)
Corrosion resistance inside/outside	3	Medium / High
Tensile strength	4	Heavy (1000 N)
Resistance to flame propagation	1	Non-flame propagating
Suspended load capacity	0	None declared

*For extended classification info see page 78 of Alco catalogue 2018

SPECIFICATIONS:

PART NUMBER	CONDUIT SIZE		INSIDE DIAMETER (mm)	OUTSIDE DIAMETER (mm)	APPROX INSIDE BEND DIA (mm)	WEIGHT (KG/30M)	THREAD SIZE (mm)	LENGTH (M)	SUITABLE FITTING			
	mm	INCHES							FF NYLON FITTINGS		NMC PVC FITTINGS	
									STRAIGHT	90°	STRAIGHT	90°
NMUA38-30	16	3/8	12.3	17.5	50.8	5.9	16	30	C16/M16-FF	C16/M16/90A-FF	C16/M20-NMC	C16/M20/90A-NMC
NMUA38-BLK-30	16	3/8	12.3	17.5	50.8	5.9	16	30	C16/M16-FF	C16/M16/90A-FF	C16/M20-NMC	C16/M20/90A-NMC
NMUA38-ORG-30	16	3/8	12.3	17.5	50.8	5.9	16	30	C16/M16-FF	C16/M16/90A-FF	C16/M20-NMC	C16/M20/90A-NMC
NMUA12-30	20	1/2	15.8	20.8	88.9	6.4	20	30	C20/M20-FF	C20/M20/90A-FF	C20M20-NMC	C20/M20/90A-NMC
NMUA12-BLK-30	20	1/2	15.8	20.8	88.9	6.4	20	30	C20/M20-FF	C20/M20/90A-FF	C20M20-NMC	C20/M20/90A-NMC
NMUA12-ORG-30	20	1/2	15.8	20.8	88.9	6.4	20	30	C20/M20-FF	C20/M20/90A-FF	C20M20-NMC	C20/M20/90A-NMC
NMUA34-30	25	3/4	20.8	26.2	114.3	7.3	25	30	C25/M25-FF	C25/25/90A-FF	C25/M25-NMC	C25/M25/90A-NMC
NMUA34-BLK-30	25	3/4	20.8	26.2	114.3	7.3	25	30	C25/M25-FF	C25/25/90A-FF	C25/M25-NMC	C25/M25/90A-NMC
NMUA34-ORG-30	25	3/4	20.8	26.2	114.3	7.3	25	30	C25/M25-FF	C25/25/90A-FF	C25/M25-NMC	C25/M25/90A-NMC
NMUA100-30	32	1	26.4	32.8	165.1	11.8	32	30	C32/M32-FF	C32/M32/90A-FF	-	-
NMUA100-BLK-30	32	1	26.4	32.8	165.1	11.8	32	30	C32/M32-FF	C32/M32/90A-FF	-	-
NMUA100-ORG-30	32	1	26.4	32.8	165.1	11.8	32	30	C32/M32-FF	C32/M32/90A-FF	-	-
NMUA114-15	40	1 1/4	35.1	41.5	203.2	15.4	40	15	-	-	-	-
NMUA112-15	50	1 1/2	40.0	47.4	228.6	20.4	50	15	-	-	-	-

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