

# Specification Submittal



## Uno Pre-insulated Pex-A Pipe

JOB		REPRESENTATIVE	
ENGINEER		ORDER #	DATE
CONTRACTOR		SUBMITTED BY	DATE
PAGE #		APPROVED BY	DATE

Qty/Length	Part #	Pipe OD	SDR	Comments

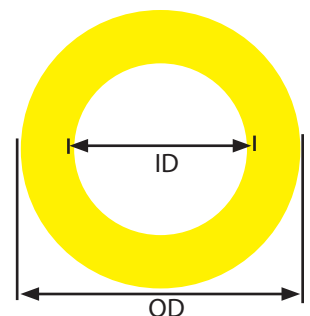
Materials	
Service Pipe	Cross-linked polyethylene (Pex-A), manufactured per the Engle method complete with an EVOH oxygen barrier to conform to DIN 4726. Surface roughness value of 0.02 mil. NSF certified. SDR-11
Insulation	Consists of microcellular, cross-linked polyethylene closed cell foam, CFC free. Service temperature of -112°F to 230°F. Water absorption after 28 days DIN 53428 <1.04% of volume.
Jacket	Corrugated closed chamber seamless high density polyethylene (HDPE), UV protected.
Approval	NSF 14 and NSF 61
Operating Limits	-58°F to 203°F (-50°C to 95°C) @ 87 psig

Part#	OD (inch)	OD (mm)	SDR	ID (inch)	OD (inch)	Volume perfoot (gal)	Insulation Thickness (inch)	Insulation R-value
M751"	1"	28	9	1.031"	1.260"	0.0434	3/4"	2.44
M12540	1 1/4"	40	11	1.283"	1.575"	0.0672	1 1/4"	4.76
M12550	1 1/2"	50	11	1.606"	1.969"	0.1053	1"	4.00
M12563	2"	63	11	2.024"	2.480"	0.1671	3/4"	3.00
M16040	1 1/4"	40	11	1.283"	1.575"	0.0672	2"	7.14
M16050	1 1/2"	50	11	1.606"	1.969"	0.1053	1 3/4"	6.25
M16063	2"	63	11	2.024"	2.480"	0.1671	1 1/2"	5.26
M16075	2 1/2"	75	11	2.417"	2.935"	0.2385	1 1/4"	4.55
M20075	2 1/2"	75	11	2.417"	2.935"	0.2385	2"	6.67
M20090	3"	90	11	2.896"	3.543"	0.3472	1 3/4"	5.88
M200110	4"	110	11	3.543"	4.331"	0.5124	1 1/4"	4.35



MicroFlex Uno pre-insulated Pex-A pipe carries 10 year factory warranty from date of commissioning.

Part#	OD (inch)	OD (mm)	SDR	Minimum Bending Rad (inch)	Coil Length (feet)	Coil Size (inch)	Jacket Diameter (inch)	weight (per ft)
M751"	1"	28	9	8"	328'	67" x 16"	3"	0.43
M12540	1 1/4"	40	11	15 3/4"	328'	79" x 30"	5"	1.20
M12550	1 1/2"	50	11	19 3/4"	328'	79" x 30"	5"	1.34
M12563	2"	63	11	19 3/4"	328'	79" x 30"	5"	1.56
M16040	1 1/4"	40	11	19 3/4"	328'	79" x 34"	6 1/4"	1.11
M16050	1 1/2"	50	11	19 3/4"	328'	79" x 34"	6 1/4"	1.28
M16063	2"	63	11	19 3/4"	328'	79" x 34"	6 1/4"	1.48
M16075	2 1/2"	75	11	21 3/4"	328'	79" x 34"	6 1/4"	2.08
M20075	2 1/2"	75	11	21 3/4"	328'	95" x 59"	8"	2.08
M20090	3"	90	11	21 3/4"	328'	95" x 59"	8"	2.55
M200110	4"	110	11	23 3/4"	328'	95" x 59"	8"	3.02



MF SUB-1.1