

Multygol Multilayer Composite Pipe

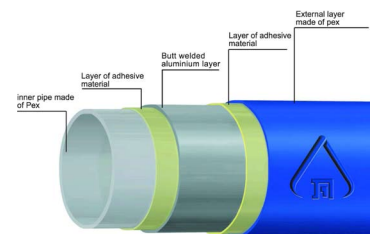
JOB		REPRESENTATIVE	
ENGINEER		ORDER #	DATE
CONTRACTOR		SUBMITTED BY	DATE
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Qty/Length	Part #	Pipe Size	Pipe OD	Pipe ID	Comments

Multygol Pex-Aluminum-Pex Pipe

MultyGol is a multilayer pipe made of two Pex layers with an aluminum layer in the middle. The aluminum layer is bonded to the Pex layers with a special adhesive material. This combination of special raw materials of very high molecular weight result in a special pipe having several important qualities; corrosion resistance, excellent mechanical resistance, unique chemical resistance, very low friction coefficient, no oxygen permeation, and high working pressure and temperature. Covered by a twenty-five year manufacturers warranty.

Technical Data	Value	Unit	Test Standard
Density	938	kg/m ³	ASTM F-1281
Impact Strength (at 20°C) (at 100°C)	No Failure No Failure	KJ/m ² KJ/m ²	DIN 53453
Elongation at break (at 20°C) (at100°C)	350-550 500-700	%	DIN 53453
Tensile Strength (at 20°) (at 100°C)	20-26 9-13	N/mm ² N/mm ²	DIN 53453
Max. Op. Temperature	200°F @ 145 PSI		
Pressure Tested	290 PSI		



Manufacturing Standards	
ASTM	F-1281
ISO	9001
NSF	61
DIN	53453

Description	Part #	Qty	Pipe OD mm	Pipe ID mm
MULTYGOL 1/2" X 300' ALPEX	97316	1	.630	.472
MULTYGOL 1/2" X 500' ALPEX	97516	1	.630	.472
MULTYGOL 1/2" X 1000' ALPEX	97116	1	.630	.472
MULTYGOL 5/8" X 100' ALPEX	97020	1	.787	.630
MULTYGOL 5/8" X 300' ALPEX	97320	1	.787	.630
MULTYGOL 5/8" X 500' ALPEX	97520	1	.787	.630
MULTYGOL 5/8" X 1000' ALPEX	97120	1	.787	.630
MULTYGOL 3/4" X 100' ALPEX	97026	1	1.02	.787
MULTYGOL 3/4" X 300' ALPEX	97326	1	1.02	.787
MULTYGOL 3/4" X 500' ALPEX	97526	1	1.02	.787
MULTYGOL 3/4" X 1000' ALPEX	97126	1	1.02	.787
MULTYGOL 1" X 100' ALPEX	97032	1	1.26	1.02
MULTYGOL 1" X 300' ALPEX	97332	1	1.26	1.02
MULTYGOL 1" X 500' ALPEX	97532	1	1.26	1.02
MULTYGOL 1" X 1000' ALPEX	97132	1	1.26	1.02

Minimum Bending Radii (@ 68°F/20°C)	
1/2"	3" (77mm)
5/8"	3 3/4" (95mm)
3/4"	4 1/2" (115mm)
1"	6" (153mm)