PUSH-TO-CONNECT TUBE FITTINGS BY ALKON

QUALITY AIR BRAKE TUBE, HOSE, AND FITTINGS FROM AIR BRAKE CORPORATION OF AUSTRALIA

NYLON AIR BRAKE TUBING BY Synflex

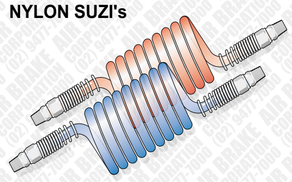
NYLON TUBE

INCH SIZES COMPLY WITH SAE J844

METRIC SIZES COMPLY WITH DIN 74 324

TUBE O.D.	PART NUMBER	COLOUR SUFFIX *
1/8"	ABT02*	/A = BLUE
3/16"	ABT03*	/B = GREEN
1/4"	ABT04*	/C = WHITE
5/16"	ABT05*	/E = RED
3/8"	ABT06*	/G = GREY
1/2"	ABT08*	/K = ORANGE
5/8"	ABT10*	/H = YELLOW
3/4"	ABT12*	= BLACK
6mm	ABTM06	BLACK ONLY
8mm	ABTM08	BLACK ONLY
10mm	ABTM10	BLACK ONLY
12mm	ABTM12	BLACK ONLY
15mm	ABTM15	BLACK ONLY

NYLON SUZI's

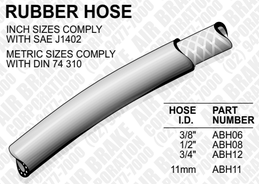


TUBE O.D.	PART NUMBER	DESCRIPTION
1/2"	ABC78020	PAIRED SET OF RED & BLUE, 1/2"NPT ENDS, 13x4" DIA COILS (12' STRETCH), SHORT TAIL
1/2"	ABC78060	PAIRED SET OF RED & BLUE, 1/2"NPT ENDS, 13x4" DIA COILS (12' STRETCH), LONG TAIL
3/8"	ABC0010	BLUE, NO ENDS, 55x4" DIA COILS (30' STRETCH)
3/8"	ABC0011	RED, NO ENDS, 55x4" DIA COILS (30' STRETCH)
1/2"	ABC08A20	BLUE, NO ENDS, 20x8" DIA COILS (30' STRETCH)
1/2"	ABC08E20	RED, NO ENDS, 20x8" DIA COILS (30' STRETCH)

RUBBER HOSE

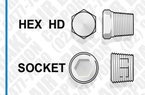
INCH SIZES COMPLY WITH SAE J1402

METRIC SIZES COMPLY WITH DIN 74 310



HOSE I.D.	PART NUMBER
3/8"	ABH06
1/2"	ABH08
3/4"	ABH12
11mm	ABH11

PIPE PLUG

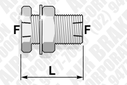


NPT THD	HEAD TYPE	PART NUMBER
1/8"	HEX	232999
1/8"	SKT	233410
1/4"	HEX	230111
1/4"	SKT	230576
3/8"	HEX	238807
3/8"	SKT	233057
1/2"	HEX	238822
1/2"	SKT	230049
3/4"	HEX	204514
3/4"	SKT	239048
M12	HEX	810.904.013.4
M16	HEX	893.011.711.4
M22	HEX	893.010.070.4

ELBOW (90°F-F)

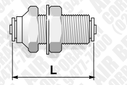
NPT THD 'F'	NPT THD 'F'	PART NUMBER
1/8"	1/8"	ABF257
1/4"	1/4"	ABF194
3/8"	3/8"	234588
1/2"	1/2"	ABF223
3/4"	3/4"	ABF245

BULKHEAD SOCKET



NPT THD 'F'	NPT THD 'F'	OAL 'L'	PART NUMBER
1/8"	1/8"	1 7/16"	225740
1/4"	1/4"	1 7/8"	221204
1/4"	1/4"	1 11/16"	205465
3/8"	3/8"	1 7/16"	217709
1/2"	1/2"	1 11/16"	222279

BULKHEAD UNION



TUBE O.D.	OAL 'L'	PUSH TO CONNECT
1/4"	1 7/16"	AQ82-DOT-4
3/8"	1 7/16"	AQ82-DOT-6
1/2"	1 13/16"	AQ82-DOT-8
5/8"	1 13/16"	AQ82-DOT-10

COUPLING (FEMALE THD)

NPT THD	SELF SEAL	PART NUMBER
1/4"	NO	ABF213
1/4"	YES	ABF214
3/8"	NO	ABF199
3/8"	YES	ABF217
1/2"	NO	ABF109
1/2"	YES	ABF218

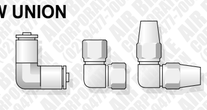
COUPLING (MALE THD)

NPT THD	SELF SEAL	PART NUMBER
1/4"	NO	ABF211
1/4"	YES	ABF214
3/8"	NO	ABF212
3/8"	YES	ABF215
1/2"	NO	ABF198
1/2"	YES	ABF154

STRAIGHT UNION

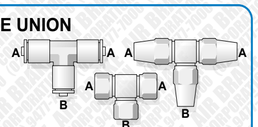
TUBE O.D.	PUSH TO CONNECT	SHORT NUT	LONG NUT
1/4"	AQ62-DOT-4	ABF168	205514
3/8"	AQ62-DOT-6	ABF169	205134
1/2"	AQ62-DOT-8	ABF170	215710
5/8"	AQ62-DOT-10	ABF171	221826
3/4"			216523
6MM	MAQ62-DOT-6		
8MM	MAQ62-DOT-8		
10MM	MAQ62-DOT-10		
12MM	MAQ62-DOT-12		

ELBOW UNION



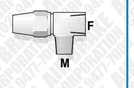
TUBE O.D.	PUSH TO CONNECT	SHORT NUT	LONG NUT
1/4"	AQ65-DOT-4		224317
3/8"	AQ65-DOT-6		205113
1/2"	AQ65-DOT-8		222359
5/8"		ABF295	222360

TEE UNION



TUBE O.D. 'A'	'B'	PUSH TO CONNECT	SHORT NUT	LONG NUT
1/4"	1/4"	AQ64-DOT-4	ABF234	221979
3/8"	1/4"			225760
3/8"	3/8"	AQ64-DOT-6	ABF235	205106
3/8"	1/2"			227900
1/2"	3/8"			275284
1/2"	1/2"	AQ64-DOT-8	ABF236	224103
5/8"	3/8"			222064
5/8"	5/8"	AQ64-DOT-10		221984
6mm	6mm	MAQ64-DOT-6		
8mm	8mm	MAQ64-DOT-8		
10mm	10mm	MAQ64-DOT-10		
12mm	12mm	MAQ64-DOT-12		

TEE ADAPTER



TUBE O.D.	NPT THD 'F'	'M'	SHORT NUT	LONG NUT
3/8"	1/4"	1/4"		215954
3/8"	1/4"	3/8"		224827
1/2"	1/4"	3/8"		217640
1/2"	3/8"	3/8"		227900
1/2"	3/8"	1/2"		275284
5/8"	1/4"	1/2"		224103
5/8"	3/8"	3/8"		228377

HOSE UNION

HOSE I.D.	PART NUMBER
3/8"	ABF231
1/2"	ABF232
3/4"	ABF385
11mm	T.B.A.

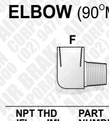
HOSE CLAMP

HOSE I.D.	PART NUMBER
3/8"	ABF110
1/2"	ABF110
3/4"	ABF308
11mm	T.B.A.

REDUCING BUSH

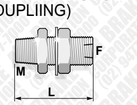
NPT THD 'F'	'M'	PART NUMBER
1/8"	1/4"	230809
1/8"	3/8"	231441
1/4"	3/8"	212862
1/4"	1/2"	230130
1/4"	3/4"	ABF101
3/8"	1/2"	230808
3/8"	3/4"	ABF290
1/2"	3/4"	234680
3/8"	M22	KW2783/1
M16	1/2"	ABF340
M16	M22	893.181.184.4

ELBOW (90°M-F)



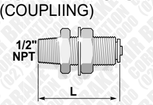
NPT THD 'F'	'M'	PART NUMBER
1/8"	1/8"	233567
1/4"	1/8"	ABF193
1/4"	1/4"	233568
3/8"	3/8"	233569
1/2"	3/8"	T.B.A.
1/2"	1/2"	233570
3/4"	3/4"	ABF244

BULKHEAD STUD (COUPLIING)



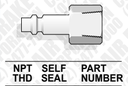
NPT THD 'F'	'M'	OAL 'L'	PART NUMBER
1/4"	1/2"	2 1/16"	205498
1/4"	1/2"	2 1/2"	205499

BULKHEAD STUD (COUPLIING)



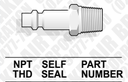
TUBE O.D.	OAL 'L'	PUSH TO CONNECT
3/8"	1 1/16"	AQ83-DOT-6X8
1/2"	1 1/16"	AQ83-DOT-8X8

COUPLING (FEMALE THD)



NPT THD	SELF SEAL	PART NUMBER
1/4"	NO	ABF219
1/4"	YES	ABF280
3/8"	NO	ABF201
3/8"	YES	
1/2"	NO	ABF108
1/2"	YES	

COUPLING (MALE THD)

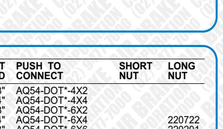


NPT THD	SELF SEAL	PART NUMBER
1/4"	NO	ABF200
1/4"	YES	ABF280
3/8"	NO	ABF201
3/8"	YES	
1/2"	NO	ABF202
1/2"	YES	ABF242

CONNECTOR (MALE)

TUBE O.D.	NPT THD	PUSH TO CONNECT	SHORT NUT	LONG NUT
3/16"	1/8"	AQ68-DOT-3X2		
1/4"	1/8"	AQ68-DOT-4X2	ABF172	205127
1/4"	1/4"	AQ68-DOT-4X4	ABF173	205183
1/4"	3/8"	AQ68-DOT-4X6		279344
3/8"	1/8"	AQ68-DOT-6X2	ABF174	205509
3/8"	1/4"	AQ68-DOT-6X4	ABF175	205053
3/8"	3/8"	AQ68-DOT-6X6	ABF176	205824
3/8"	1/2"	AQ68-DOT-6X8	ABF177	222063
1/2"	1/4"	AQ68-DOT-8X4	ABF320	217690
1/2"	3/8"	AQ68-DOT-8X6	ABF210	217525
1/2"	1/2"	AQ68-DOT-8X8	ABF237	217691
1/2"	3/4"			217689
5/8"	3/8"	AQ68-DOT-10X6	ABF238	216685
5/8"	1/2"	AQ68-DOT-10X8	ABF239	216684
5/8"	3/4"			221985
3/4"	1/2"	AQ68-DOT-12X8		217621
3/4"	3/4"			215762
3/8"	M12	AQ68-DOT-6XM12		
3/8"	M16	AQ68-DOT-6XM16		
6mm	1/8"	MAQ68-DOT-6X2	ABF246	
6mm	1/4"	MAQ68-DOT-6X4	ABF247	
8mm	1/4"	MAQ68-DOT-8X2		
8mm	1/4"	MAQ68-DOT-8X4	ABF248	
8mm	3/8"	MAQ68-DOT-8X6	ABF249	
10mm	1/4"	MAQ68-DOT-10X4	ABF251	
10mm	3/8"	MAQ68-DOT-10X6	ABF250	
12mm	3/8"	MAQ68-DOT-12X6	ABF254	
12mm	1/2"		ABF252	
15mm	1/2"		ABF273	
6mm	M12	MAQ68-DOT-6XM12		
6mm	M16	MAQ68-DOT-6XM16		
6mm	M22	MAQ68-DOT-6XM22		
8mm	M12	MAQ68-DOT-8XM12		
8mm	M16	MAQ68-DOT-8XM16		
8mm	M22	MAQ68-DOT-8XM22		
10mm	M12	MAQ68-DOT-10XM12		
10mm	M16	MAQ68-DOT-10XM16		
10mm	M22	MAQ68-DOT-10XM22		
12mm	M12	MAQ68-DOT-12XM12		
12mm	M16	MAQ68-DOT-12XM16		
12mm	M22	MAQ68-DOT-12XM22		

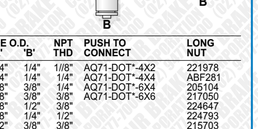
ELBOW (90°MALE)



TUBE O.D.	NPT THD	PUSH TO CONNECT	SHORT NUT	LONG NUT
1/4"	1/8"	AQ69-DOT*-4X2	ABF182	205539
1/4"	1/4"	AQ69-DOT*-4X4	ABF183	224318
1/4"	3/8"	AQ69-DOT*-4X6	ABF184	ABF114
3/8"	1/8"	AQ69-DOT*-6X2	ABF185	205522
3/8"	1/4"	AQ69-DOT*-6X4	ABF186	205102
3/8"	3/8"	AQ69-DOT*-6X6	ABF187	205829
3/8"	1/2"	AQ69-DOT*-6X8	ABF188	222062
1/2"	1/4"	AQ69-DOT*-8X4	ABF229	220475
1/2"	3/8"	AQ69-DOT*-8X6	ABF205	215709
1/2"	1/2"	AQ69-DOT*-8X8	ABF233	216310
1/2"	3/4"			221536
5/8"	3/8"	AQ69-DOT*-10X6	ABF189	221993
5/8"	1/2"	AQ69-DOT*-10X8	ABF190	221825
5/8"	3/4"			229108
3/4"	1/2"	AQ69-DOT*-12X8		
3/4"	3/4"			216520
3/8"	M12	AQ69-DOT*-6XM12		
3/8"	M16	AQ69-DOT*-6XM16		
6mm	1/8"	MAQ69-DOT*-6X2	ABF258	
6mm	1/4"	MAQ69-DOT*-6X4	ABF259	
8mm	1/8"	MAQ69-DOT*-8X2		
8mm	1/4"	MAQ69-DOT*-8X4	ABF260	
8mm	3/8"	MAQ69-DOT*-8X6	ABF261	
10mm	1/4"	MAQ69-DOT*-10X4	ABF262	
10mm	3/8"	MAQ69-DOT*-10X6	ABF263	
12mm	1/4"	MAQ69-DOT*-12X4		
12mm	3/8"	MAQ69-DOT*-12X6	ABF264	
15mm	1/2"		ABF275	
6mm	M12	MAQ69-DOT*-6XM12		
6mm	M16	MAQ69-DOT*-6XM16		
6mm	M22	MAQ69-DOT*-6XM22		
8mm	M12	MAQ69-DOT*-8XM12		
8mm	M16	MAQ69-DOT*-6XM16		
8mm	M22	MAQ69-DOT*-6XM22		
10mm	M12	MAQ69-DOT*-10XM12		
10mm	M16	MAQ69-DOT*-10XM16		
10mm	M22	MAQ69-DOT*-10XM22		
12mm	M12	MAQ69-DOT*-12XM12		
12mm	M16	MAQ69-DOT*-12XM16		
12mm	M22	MAQ69-DOT*-12XM22		

* ADD 'S' FOR SWIVEL VERSIONS OF ALL PUSH TO CONNECT FITTINGS (EG: AQ69-DOTS-6X4)

TEE BRANCH (MALE)



TUBE O.D. 'A'	'B'	NPT THD	PUSH TO CONNECT	SHORT NUT	LONG NUT
1/4"	1/4"	1/8"	AQ71-DOT*-4X2		221978
1/4"	1/4"	1/4"	AQ71-DOT*-4X4		ABF281
3/8"	3/8"	1/4"	AQ71-DOT*-6X4		205104
3/8"	3/8"	3/8"	AQ71-DOT*-6X6		217050
3/8"	1/2"	3/8"			224647
3/8"	1/4"	1/2"			224793
1/2"	3/8"	3/8"			215703
1/2"	1/2"	3/8"	AQ71-DOT*-8X6		215701
1/2"	1/2"	1/2"	AQ71-DOT*-8X8		227842
5/8"	3/8"	1/2"			222150
5/8"	5/8"	1/2"			221986

* ADD 'S' FOR SWIVEL VERSIONS OF ALL PUSH TO CONNECT FITTINGS (EG: AQ71-DOTS-6X4)

TEE ADAPTER

TUBE O.D.	NPT THD 'F'	'M'	SHORT NUT	LONG NUT
1/4"	1/4"	1/4"		220478
3/8"	1/4"	1/4"		217619
3/8"	1/2"	3/8"		223664
1/2"	1/4"	3/8"		224799

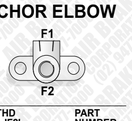
ADAPTER

NPT THD 'F'	'M'	PART NUMBER
1/8"	1/8"	ABF116
1/4"	1/8"	ABF196
1/4"	1/4"	ABF149
3/8"	1/4"	ABF151
3/8"	3/8"	ABF243
1/2"	3/8"	ABF128
1/2"	1/2"	ABF289
1/4"	M12	ABF345
1/4"	M16	ABF368
3/8"	M16	ABF271
1/2"	M22	ABF272
M16	3/8"	ABF326
M22	3/8"	ABF152

STREET TEE

NPT THD	PART NUMBER
1/8"	234622
1/4"	233062
3/8"	233061
1/2"	233266

ANCHOR ELBOW

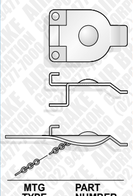


NPT THD 'F1'	'F2'	PART NUMBER
1/4"	1/4"	201010
3/8"	3/8"	233420

GLADHAND

AIR LINE	NPT THD	PART NUMBER
CON (blue)	1/2" or..	278850 DA5401
SUP (red)	1/2" or..	278851 DA5402

DUMMIES



TO SUIT	PART NUMBER
MALE	ABF282
FEMALE	ABF283

PIPE NIPPLE

NPT THD	PART NUMBER
1/8"	ABF195
1/8"	ABF126
1/4"	203134
1/4"	ABF127
1/4"	ABF287
3/8"	234584
3/8"	ABF279
1/2"	212324
1/2"	ABF107
3/4"	ABF106
M12	ABF389
M16	C51602
M22	ABF387
M22	ABF318

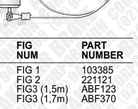
STREET TEE

NPT THD 'F'	'M'	PART NUMBER
1/4"	1/4"	ABF115
3/8"	3/8"	ABF155

ANCHOR TEE

NPT THD 'F1'	'F2'	PART NUMBER
1/4"	3/8"	231379
3/8"	3/8"	236056
3/8"	1/2"	239727

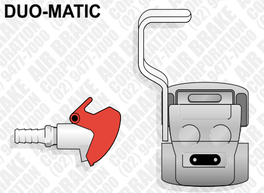
SHUT-OFF COCK



NPT THD 'F'	'M'	PART NUMBER
1/4"	1/4"	220332
1/2"	1/2"	285172MF

NPT THD 'F1'	'F2'	PART NUMBER
1/2"	1/2"	285172

DUO-MATIC



DESCRIPTION	USED ON	PART NUMBER
for 'dog' trailers...		
MALE OPEN	TRAILER	452.804.001.0
FEMALE S/SEAL	TRUCK	452.802.000.0
for semi-trailers...		
MALE S/SEAL	P/MOVER	452.805.004.0
FEMALE OPEN	TRAILER	452.803.005.0

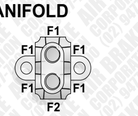
PIPE SOCKET

NPT THD	PART NUMBER
1/8"	ABF240
1/8"	1/4"	ABF206
1/4"	1/8"	ABF206
1/4"	1/4"	ABF153
1/4"	3/8"	ABF156
3/8"	1/4"	ABF156
3/8"	3/8"	ABF130
3/8"	1/2"	ABF129
1/2"	1/2"	ABF129
1/2"	1/2"	ABF241
M16	1/4"	ABF329 (testpoint adapter)

STREET TEE

NPT THD 'F'	'M'	PART NUMBER
1/4"	1/4"	245344
3/8"	3/8"	ABF225
1/2"	1/2"	ABF266

MANIFOLD



NPT THD 'F1'	'F2'	PART NUMBER
1/4"	3/8"	212322

DRAIN COCK

NPT THD	FIG NUM	PART NUMBER
1/4"	FIG 1	103385
1/4"	FIG 2	221121
1/4"	FIG3 (1,5m)	ABF123
1/4"	FIG3 (1,7m)	ABF370

ISO TEST POINT

THREAD 'M1'	'M2'	PART NUMBER
M16	1/4"	463.705.102.0
M16	3/8"	ABF0010
M16	M16	463.703.120.0
ADAPTER		ABF329

METRIC SEALS

THD	MAT'L	PART NUMBER
M12	ALUM	811.401.032.4
M14	ALUM	811.401.045.4
M16	ALUM	811.401.057.4
M22	ALUM	811.401.080.4

TRI-MATIC

DESCRIPTION	USED ON	PART NUMBER
for 'dog' trailers only...		
MALE OPEN	TRAILER	452.808.002.0
FEMALE S/SEAL	TRUCK	452.806.000.0

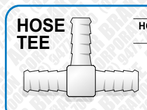
HOSE BARB

HOSE I.D.	NPT THD	PART NUMBER
3/8"	1/4"	ABF125
3/8"	3/8"	ABF105
3/8"	1/2"	ABF104
1/2"	1/4"	ABF147
1/2"	3/8"	ABF103
1/2"	1/2"	ABF102
3/4"	1/2"	ABF148
3/4"	3/4"	ABF328
1/2"	M16	893.120.414.4
11mm	3/8"	ABF404
11mm	M16	ABF405

HOSE ELBOW

HOSE I.D.	NPT THD	PART NUMBER
3/8"	1/4"	ABF256
3/8"	1/2"	ABF399
1/2"	3/8"	ABF316
1/2"	1/2"	ABF117
3/4"	1/2"	ABF410
3/4"	3/4"	ABF411
11mm	3/8"	T.B.A
1/2"	M16	ABF358
11mm	M16	T.B.A.

HOSE TEE



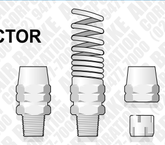
HOSE I.D.	PART NUMBER
3/8"	ABF317
1/2"	ABF346
3/4"	ABF407

HOSE TEE

HOSE I.D.	NPT THD	PART NUMBER
1/2"	3/8"	ABF363

HOSE I.D.	NPT THD	PART NUMBER
1/2"	3/8"	ABF364

HOSE CONNECTOR



HOSE I.D.	NPT THD	W/OUT SPRING	C/WITH SPRING	SLEEVE ONLY
3/8"	1/4"	215540	215536	203610
3/8"	3/8"	224887	223907	203610
3/8"	1/2"	215539	215535	203610
1/2"	3/8"	233883		233801
1/2"	1/2"	233884		233801

FITTING SPARES

TUBE O.D.	SHORT NUT	OLIVE	INSERT
1/8"		ABF159	
3/16"		ABF158	
1/4"	ABF324	ABF160	ABF164
3/8"	ABF323	ABF161	ABF165
1/2"	ABF325	ABF162	ABF166
5/8"		ABF163	ABF167

TUBE O.D.	LONG NUT	OLIVE	INSERT
1/4"	200455	200457	246088
3/8"	200360	200361	246089
1/2"	203755	203754	246090
5/8"	210613	210612	247608
3/4"	203896	203897	246091

* ADD 'S' FOR SWIVEL VERSIONS OF ALL PUSH TO CONNECT FITTINGS (EG: AQ72-DOTS-6X4)

TUBE PLUG

Blanks off unused tube connectors

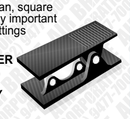
TUBE O.D.	PART NUMBER
1/4"	AQ59-P-4
3/8"	AQ59-P-6
1/2"	AQ59-P-8
6mm	MAQ59-P-6
8mm	MAQ59-P-8
10mm	MAQ59-P-10
12mm	MAQ59-P-12

TUBE CLAMP

TUBE O.D.	PART NUMBER
1/4"	232821
5/16"	232822
3/8"	232823
1/2"	232824
5/8"	232825
3/4"	232826
1"	232827

TUBE CUTTER

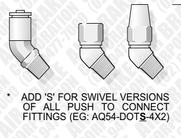
Ensures a clean, square cut, particularly important with push in fittings



PART NUMBER PTC-001

BLADE ONLY PTC-001RB

ELBOW (45°MALE)



TUBE O.D.	NPT THD	PUSH TO CONNECT	SHORT NUT	LONG NUT
1/4"	1/8"	AQ54-DOT*-4X2		
1/4"	1/4"	AQ54-DOT*-4X4		220722
3/8"	1/8"	AQ54-DOT*-6X2		220291
3/8"	1/4"	AQ54-DOT*-6X4		222650
3/8"	3/8"	AQ54-DOT*-6X6		
1/2"	1/4"	AQ54-DOT*-8X4		220292
1/2"	3/8"	AQ54-DOT*-8X6		227162
1/2"	1/2"	AQ54-DOT*-8X8		
5/8"	3/8"	AQ54-DOT*-10X6		222065
5/8"	1/2"	AQ54-DOT*-10X8		ABF288
3/4"	1/2"			

* ADD 'S' FOR SWIVEL VERSIONS OF ALL PUSH TO CONNECT FITTINGS (EG: AQ54-DOTS-4X2)

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TEFLON PASTE (NOT TAPE) SHOULD BE USED TO SEAL TAPERED NPT PIPE THREADS

PUSH TO CONNECT FITTINGS WITH METRIC THREADS INCLUDE CAPTIVE O-RING SEAL SO THREAD SEALANT IS NOT REQUIRED AND SHOULD NOT BE USED

METRIC PIPE FITTINGS WITHOUT CAPTIVE O-RING SHOULD BE SEALED WITH ALUMINIUM WASHER

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