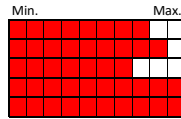


Quick Select Table: PUS Conduit



Performance Index
 Ductility
 Fatigue Reverse Bending
 Compression Resistance
 Low Temperature
 Weathering Resistance



System Temperature Ratings:
 General: -50 to +95°C (-58 to +203°F)
System Ingress Ratings:
 IEC Ingress: IP66, IP67, IP68
 NEMA Ingress: Type 4, 4X, 12

PUS Non-Metallic Conduit References:
 Technical Data Sheet: TDS: PUS - 15020-07
 Chemical Resistance Guide: Contact Tech Support
 UL 1696
 CSA C22.2, No. 227.3-05
 IEC/EN 61386-1, -23

PMAFix Fitting References:
 Technical Data Sheet: TDS: BVND-N - 23008-05 (Straight)
 Chemical Resistance Guide: Contact Tech Support
 UL 1696
 CSA C22.2 No. 227.3-05
 IEC/EN 61386-1, -23

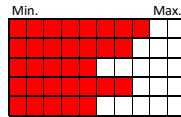
Typical Applications: PUS conduit ideal for use in outdoor weathering applications, good impact strength, low temperatures and very good UV performance

Non-metallic Conduit												PMAFix Fittings												Accessories																							
Material: Polyamide PA6 Color: Black standard, gray optional Size (1) and Coarse (G) profiles												Polyamide bodies and thread Polyamide bodies and nickel plated brass insert threads												Y Fitting, T Fitting, Trade Size Reducer, Conduit Splices, Lock Nuts, Support																							
Trade Size Reference		Carton ²⁾		Profile		Technical Data				NA Approvals		Type		Non-metallic Thread (IP66, NEMA 4/4X)			Metallic Thread (IP68, NEMA 4/4X/6)			Y Fitting		T Fitting		Trade Size Reducer		Conduit Splices		Lock Nuts		Support																	
UL	NW	Metric	Part No. ¹⁾	Feet	Meters	T or G	Inch	mm	Inch	mm	Inch	mm	UL	CSA	Std.	Thread	Straight	45°	90° (Hard)	90° (Curved)	Straight	90° (Hard)	90° (Curved)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)
1/2"	17	20	PUSG-178-31	100	31	G Coarse	0.60	15.2	0.8	21.2	1.4	35.0	UL	CSA	NPT	1/2"	BVND-N02ZGT	BVND-N02ZGT	BVND-N02ZGT	BVND-N02ZGT	NVNW-M02Z	NVNW-M02Z	NVNW-M02Z	BVYD-17121GT	BVYR-17121	BVTD-17171GT	BVTR-17171	BAVD-1712GT	BAVR-1712	BVSGD-1717GT	BVSGR-1717	LMB/050	GMH-M02	BMN-M02	141	BPH-17.0											
3/4"	23	25	PUSG-238-31	100	31	G Coarse	0.87	22.0	1.1	28.5	1.6	40.0	UL	CSA	NPT	3/4"	BVND-N04ZGT	BVND-N04ZGT	BVND-N04ZGT	BVND-N04ZGT	NVNW-M04Z	NVNW-M04Z	NVNW-M04Z	BVYD-23171GT	BVYR-23171	BVTD-23133GT	BVTR-23133	BAVD-2317GT	BAVR-2317	BVSGD-2313GT	BVSGR-2313	LMB/075	GMH-M04	BMN-M04	142	BPH-23.0											
1"	29	32	PUSG-298-31	100	31	G Coarse	1.09	27.7	1.4	34.4	2.0	50.0	UL	CSA	NPT	1"	BVND-N06ZGT	BVND-N06ZGT	BVND-N06ZGT	BVND-N06ZGT	NVNW-M06Z	NVNW-M06Z	NVNW-M06Z	BVYD-29223GT	BVYR-29223	BVTD-29199GT	BVTR-29199	BAVD-2917GT	BAVR-2917	BVSGD-2913GT	BVSGR-2913	LMB/100	GMH-M06	BMN-M06	143	BPH-29.0											
1-1/4"	36	40	PUSG-368-31	100	31	G Coarse	1.41	35.8	1.7	42.4	2.4	60.0	UL	CSA	NPT	1-1/4"	BVND-N08ZGT	BVND-N08ZGT	BVND-N08ZGT	BVND-N08ZGT	NVNW-M08Z	NVNW-M08Z	NVNW-M08Z	BVYD-36279GT	BVYR-36279	BVTD-36136GT	BVTR-36136	BAVD-3617GT	BAVR-3617	BVSGD-3613GT	BVSGR-3613	LMB/125	GMH-M08	BMN-M08	144	BPH-36.0											
1-1/2"	48	50	PUSG-488-31	100	31	G Coarse	1.84	46.8	2.1	54.4	2.8	70.0	UL	CSA	NPT	1-1/2"	BVND-N08ZGT	BVND-N08ZGT	BVND-N08ZGT	BVND-N08ZGT	NVNW-M08Z	NVNW-M08Z	NVNW-M08Z	BVYD-48363GT	BVYR-48363	BVTD-48188GT	BVTR-48188	BAVD-4817GT	BAVR-4817	BVSGD-4813GT	BVSGR-4813	LMB/200	GMH-M10	BMN-M10	145	BPH-48.0											

Quick Select Table: CUS Conduit



Performance Index
 Ductility
 Fatigue Reverse Bending
 Compression Resistance
 Low Temperature
 Weathering Resistance



System Temperature Ratings:
 General: -40 to +105°C (-40 to +221°F)
System Ingress Ratings:
 IEC Ingress: IP66, IP67, IP68
 NEMA Ingress: Type 4, 4X, 12

CUS Non-Metallic Conduit References:
 Technical Data Sheet: TDS: CUS - 15030-05
 Chemical Resistance Guide: Contact Tech Support
 UL 1696
 CSA C22.2, No. 227.3-05
 IEC/EN 61386-1, -23

PMAFix Fitting References:
 Technical Data Sheet: TDS: BVND-N - 23008-05 (Straight)
 Chemical Resistance Guide: Contact Tech Support
 UL 1696
 CSA C22.2 No. 227.3-05
 IEC/EN 61386-1, -23

Typical Applications: CUS conduit ideal for use in outdoor weathering applications, good impact strength, low temperatures and very good UV performance

Non-metallic Conduit												PMAFix Fittings												Accessories																					
Material: Polyamide PA6 Color: Black standard, gray optional Size (1) and Coarse (G) profiles												Polyamide bodies and thread Polyamide bodies and nickel plated brass insert threads												Y Fitting, T Fitting, Trade Size Reducer, Conduit Splices, Lock Nuts, Support																					
Trade Size Reference		Carton ²⁾		Profile		Technical Data				NA Approvals		Type		Non-metallic Thread (IP66, NEMA 4/4X)			Metallic Thread (IP68, NEMA 4/4X/6)			Y Fitting		T Fitting		Trade Size Reducer		Conduit Splices		Lock Nuts		Support															
UL	NW	Metric	Part No. ¹⁾	Feet	Meters	T or G	Inch	mm	Inch	mm	Inch	mm	UL	CSA	Std.	Thread	Straight	45°	90° (Hard)	90° (Curved)	Straight	90° (Hard)	90° (Curved)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)	IP66 (NEMA 4/4X)	IP68 (NEMA 4/4X)
1/2"	17	20	CUSG-178-31	165	50	G Coarse	0.64	16.2	0.8	21.2	1.6	40.0	UL	CSA	NPT	1/2"	BVND-N02ZGT	BVND-N02ZGT	BVND-N02ZGT	BVND-N02ZGT	NVNW-M02Z	NVNW-M02Z	NVNW-M02Z	BVYD-17121GT	BVYR-17121	BVTD-17171GT	BVTR-17171	BAVD-1712GT	BAVR-1712	BVSGD-1717GT	BVSGR-1717	LMB/050	GMH-M02	BMN-M02	141	BPH-17.0									
3/4"	23	25	CUSG-238-31	165	50	G Coarse	0.86	21.9	1.1	28.5	1.8	45.0	UL	CSA	NPT	3/4"	BVND-N04ZGT	BVND-N04ZGT	BVND-N04ZGT	BVND-N04ZGT	NVNW-M04Z	NVNW-M04Z	NVNW-M04Z	BVYD-23171GT	BVYR-23171	BVTD-23133GT	BVTR-23133	BAVD-2317GT	BAVR-2317	BVSGD-2313GT	BVSGR-2313	LMB/075	GMH-M04	BMN-M04	142	BPH-23.0									
1"	29	32	CUSG-298-31	165	50	G Coarse	1.09	27.6	1.4	34.5	2.2	55.0	UL	CSA	NPT	1"	BVND-N06ZGT	BVND-N06ZGT	BVND-N06ZGT	BVND-N06ZGT	NVNW-M06Z	NVNW-M06Z	NVNW-M06Z	BVYD-29223GT	BVYR-29223	BVTD-29199GT	BVTR-29199	BAVD-2917GT	BAVR-2917	BVSGD-2913GT	BVSGR-2913	LMB/100	GMH-M06	BMN-M06	143	BPH-29.0									
1-1/4"	36	40	CUSG-368-31	165	50	G Coarse	1.42	36.0	1.7	42.5	2.4	60.0	UL	CSA	NPT	1-1/4"	BVND-N08ZGT	BVND-N08ZGT	BVND-N08ZGT	BVND-N08ZGT	NVNW-M08Z	NVNW-M08Z	NVNW-M08Z	BVYD-36279GT	BVYR-36279	BVTD-36136GT	BVTR-36136	BAVD-3617GT	BAVR-3617	BVSGD-3613GT	BVSGR-3613	LMB/125	GMH-M08	BMN-M08	144	BPH-36.0									
1-1/2"	48	50	CUSG-488-31	165	50	G Coarse	1.85	47.0	2.1	54.5	2.8	70.0	UL	CSA	NPT	1-1/2"	BVND-N08ZGT	BVND-N08ZGT	BVND-N08ZGT	BVND-N08ZGT	NVNW-M08Z	NVNW-M08Z	NVNW-M08Z	BVYD-48363GT	BVYR-48363	BVTD-48188GT	BVTR-48188	BAVD-4817GT	BAVR-4817	BVSGD-4813GT	BVSGR-4813	LMB/200	GMH-M10	BMN-M10	145	BPH-48.0									

Attn: PMA Quick Select Tables are intended to assist users with recommended component selection for Non-metallic Type C Cable Protection System solutions. Final component selection is the responsibility of the user based on actual application, standards and local electrical code requirements. The information in this QST is regularly updated and is subject to change at the discretion of T&B/ABB. Go to <https://library.abb.com/> for latest documentation.

Notes:
 1) RED Part Numbers are priority stock items, available for immediate delivery. See PMA catalog
 2) Packaging lengths available in cartons, standard reels and bulk reels, see publication Technical Data Sheet for details

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