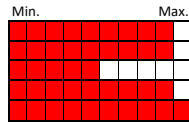


Quick Select Table: JFBD Food & Beverage Conduit

Performance Index

- Ductility
- Fatigue Reverse Bending
- Compression Resistance
- Low Temperature
- Weathering Resistance



System Temperature Ratings:

Gen: -20 to +95°C (-4 to +203°F), +125°C (257°F) Short-time
 UL: -18 to +90°C (-0 to +194°F)

System Ingress Ratings:

IEC Ingress: IP66, IP67, IP68, IP69
 NEMA Ingress: Type 4, 4X, 12



JFBD Non-Metallic Conduit References:

Technical Data Sheet:
 Chemical Resistance Guide:
 UL 1696
 CSA C22.2, No. 227.3-05
 IEC/EN 61386-1, -23

TDS: JFBD - 16310-08
 Contact Tech Support
 UL File: E80294
 UL File: E80295
 Contact Tech Support

PMAFix Fitting References:

Technical Data Sheet:
 Chemical Resistance Guide:
 UL 1696
 CSA C22.2 No. 227.3-05
 IEC/EN 61386-1, -23

TDS: BVND-N - 23008-05 (Straight)
 Contact Tech Support
 UL File: E80294
 CSA File: LL 88703
 EU DoC: Contact Tech Support

Typical Applications: JFBD conduit ideal for use in Food & Beverage OEM Machine applications

Non-metallic Conduit														PMAFix Pro Fittings										Accessories												
Material: Polyamide PA6, Over-extruded, Multilayer Color: F&B Blue Fine (F) and Coarse (G) profiles														Polyamide bodies and thread One Piece Stainless Steel 316																						
Trade Size Reference			Carton ²⁾		Profile		Technical Data				NA Approvals		Type		Non-metallic Thread (IP69, NEMA 4/4X)			"One Piece" Metallic Thread (IP69, NEMA 4/4X/6)			Y Fitting		T Fitting		Trade Size Reducer		Conduit Splice		Locknut		Support					
UL	NW	Metric	Part No. ¹⁾	Feet	Meters	T or G	Inside Diameter	Outside Diameter	Static Bend Rad.	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)		
Inch	mm	mm					Inch	mm	Inch	mm	Inch	mm		Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.		
3/8"	12	16	JFBDG-12X01-50	165	50	Fine	0.46	11.8	0.6	16.0	2.8	70.0	C US	ISO M16	JFBD-M16G	JFBD-M16H	JFBD-M16C	JFBD-M16S	JFBD-M16T	JFBD-M16B	JFBD-M16D	JFBD-M16E	JFBD-M16F	JFBD-M16G	JFBD-M16H	JFBD-M16I	JFBD-M16J	JFBD-M16K	JFBD-M16L	JFBD-M16M	JFBD-M16N	JFBD-M16O	JFBD-M16P	JFBD-M16Q	JFBD-M16R	JFBD-M16S
1/2"	17	20	JFBDG-17X01-50	165	50	G Coarse	0.65	16.6	0.9	21.6	3.3	85.0	C US	NPT 1/2"	JFBD-M20G	JFBD-M20H	JFBD-M20C	JFBD-M20S	JFBD-M20T	JFBD-M20B	JFBD-M20D	JFBD-M20E	JFBD-M20F	JFBD-M20G	JFBD-M20H	JFBD-M20I	JFBD-M20J	JFBD-M20K	JFBD-M20L	JFBD-M20M	JFBD-M20N	JFBD-M20O	JFBD-M20P	JFBD-M20Q	JFBD-M20R	JFBD-M20S
3/4"	23	25	JFBDG-23X01-50	165	50	G Coarse	0.85	21.7	1.1	28.8	4.3	110.0	C US	NPT 3/4"	JFBD-M25G	JFBD-M25H	JFBD-M25C	JFBD-M25S	JFBD-M25T	JFBD-M25B	JFBD-M25D	JFBD-M25E	JFBD-M25F	JFBD-M25G	JFBD-M25H	JFBD-M25I	JFBD-M25J	JFBD-M25K	JFBD-M25L	JFBD-M25M	JFBD-M25N	JFBD-M25O	JFBD-M25P	JFBD-M25Q	JFBD-M25R	JFBD-M25S
1"	29	32	JFBDG-29X01-50	165	50	G Coarse	1.08	27.4	1.4	34.7	5.5	140.0	C US	NPT 1"	JFBD-M32G	JFBD-M32H	JFBD-M32C	JFBD-M32S	JFBD-M32T	JFBD-M32B	JFBD-M32D	JFBD-M32E	JFBD-M32F	JFBD-M32G	JFBD-M32H	JFBD-M32I	JFBD-M32J	JFBD-M32K	JFBD-M32L	JFBD-M32M	JFBD-M32N	JFBD-M32O	JFBD-M32P	JFBD-M32Q	JFBD-M32R	JFBD-M32S
1-1/4"	36	40	JFBDG-36X01-50	100	30	G Coarse	1.41	35.8	1.7	42.7	7.9	200.0	C US	NPT 1-1/4"	JFBD-M40G	JFBD-M40H	JFBD-M40C	JFBD-M40S	JFBD-M40T	JFBD-M40B	JFBD-M40D	JFBD-M40E	JFBD-M40F	JFBD-M40G	JFBD-M40H	JFBD-M40I	JFBD-M40J	JFBD-M40K	JFBD-M40L	JFBD-M40M	JFBD-M40N	JFBD-M40O	JFBD-M40P	JFBD-M40Q	JFBD-M40R	JFBD-M40S
1-1/2"	48	50	JFBDG-48X01-50	100	30	G Coarse	1.80	45.7	2.1	54.6	9.1	230.0	C US	NPT 1-1/2"	JFBD-M50G	JFBD-M50H	JFBD-M50C	JFBD-M50S	JFBD-M50T	JFBD-M50B	JFBD-M50D	JFBD-M50E	JFBD-M50F	JFBD-M50G	JFBD-M50H	JFBD-M50I	JFBD-M50J	JFBD-M50K	JFBD-M50L	JFBD-M50M	JFBD-M50N	JFBD-M50O	JFBD-M50P	JFBD-M50Q	JFBD-M50R	JFBD-M50S
2"	56	68	---	---	---	---	---	---	---	---	---	---	---	NPT 2"	JFBD-M63G	JFBD-M63H	JFBD-M63C	JFBD-M63S	JFBD-M63T	JFBD-M63B	JFBD-M63D	JFBD-M63E	JFBD-M63F	JFBD-M63G	JFBD-M63H	JFBD-M63I	JFBD-M63J	JFBD-M63K	JFBD-M63L	JFBD-M63M	JFBD-M63N	JFBD-M63O	JFBD-M63P	JFBD-M63Q	JFBD-M63R	JFBD-M63S
2-1/2"	70	80	---	---	---	---	---	---	---	---	---	---	---	NPT 2-1/2"	JFBD-M75G	JFBD-M75H	JFBD-M75C	JFBD-M75S	JFBD-M75T	JFBD-M75B	JFBD-M75D	JFBD-M75E	JFBD-M75F	JFBD-M75G	JFBD-M75H	JFBD-M75I	JFBD-M75J	JFBD-M75K	JFBD-M75L	JFBD-M75M	JFBD-M75N	JFBD-M75O	JFBD-M75P	JFBD-M75Q	JFBD-M75R	JFBD-M75S
3-1/2"	95	106	---	---	---	---	---	---	---	---	---	---	---	NPT 3"	JFBD-M90G	JFBD-M90H	JFBD-M90C	JFBD-M90S	JFBD-M90T	JFBD-M90B	JFBD-M90D	JFBD-M90E	JFBD-M90F	JFBD-M90G	JFBD-M90H	JFBD-M90I	JFBD-M90J	JFBD-M90K	JFBD-M90L	JFBD-M90M	JFBD-M90N	JFBD-M90O	JFBD-M90P	JFBD-M90Q	JFBD-M90R	JFBD-M90S
5"	125	146	---	---	---	---	---	---	---	---	---	---	---	NPT 4"	JFBD-M114G	JFBD-M114H	JFBD-M114C	JFBD-M114S	JFBD-M114T	JFBD-M114B	JFBD-M114D	JFBD-M114E	JFBD-M114F	JFBD-M114G	JFBD-M114H	JFBD-M114I	JFBD-M114J	JFBD-M114K	JFBD-M114L	JFBD-M114M	JFBD-M114N	JFBD-M114O	JFBD-M114P	JFBD-M114Q	JFBD-M114R	JFBD-M114S

Atts: 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 QTS is regularly updated and is subject to change at the discretion of T&B/ABB. Go to <https://library.abb.com/> for latest document revision.

- Notes:
 1) **RED** Part Numbers are priority stock items, available for immediate delivery.
 2) Packaging lengths available in cartons, standard reels and bulk reels, see publication CVL-10010-23 for details.
 3)
 4)

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