



Conduit JFBD - Blue

Conduits for the food and beverage industry

The requirements for production equipment used in the food industry are particularly stringent. The JFBD conduit offers assured protection not only for cables in the food processing sector but wherever there are stricter requirements for cleanability.

The JFBD conduit meets the FDA's CFR 21 / EU 10/2011 standards (up to 65°C). Flexible, easy to clean and has high resistance to cleaning agents has been confirmed by the award of an ECOLAB certificate.

Combining the JFBD conduit with our new blueglobe CLEAN® Plus cable gland offers end-to-end cable protection solutions for the food production sector.

Application

- for dynamic or static processing cable protection systems in food industry
- for general applications with high cleaning requirements

Characteristics

- smooth outer layer
- easy cleaning
- good resistance to dynamic loads / high reversed bending stresses
- good flexibility in combination with high strength
- high resistance to abrasion
- high resistance to chemicals and cleaning agents
- free from halogen and cadmium
- corrosion free

Specifications

- FDA 21 CFR / EU 10/2011 approved outer layer material; ECOLAB certificate

Ingress protection

- IP68 with cable gland blueglobe CLEAN Plus®

Thermal properties

- Continuous application temperature -20°C...+95°C, short term +120°C (168 h)
- FDA application: continuous application temperature -20°C...+65°C

Specification

MATERIAL	Polyamide 12, overextrusion made from modified polyamide elastomer
TEMPERATURE RANGE	-20°C...+95°C
HALOGEN-FREE	Yes

Variants

E-NUMBER	ARTICLE NO.	PROFILE	SIZE	COMPITABLE WITH CABLE GLAND	Ø D MM	Ø DI MM	STAT R MM*	DYN R MM*	PCS/PACK
1410490	JFBDT-12C01.50	T	NW 12	1471954 (1 washer)	16	11.8	70	100	50
1410491	JFBBDG-17C01.50	G	NW 17	1471956 (1 washer)	21.6	15.6	85	125	50
1410492	JFBBDG-23C01.50	G	NW 23	1471958 (1 washer)	28.8	21,7	160	160	50
1410493	JFBBDG-29C01.50	G	NW 29	BG250VA35 HTSCP	34.7	27.4	140	200	50
1410494	JFBBDG-36C01.30	G	NW 36	BG263VA43 HTSCP	42.7	35,8	200	260	30
1410495	JFBBDG-48C01.30	G	NW 48	BG263VA55 HTSCP	54.6	46.7	230	300	30