



Cable protection solutions
High-quality products for the food and
beverage industry

PMA

Thomas & Betts

A Member of the ABB Group

We protect the cables you use during food processing against mechanical and other environmental factors, in a manufacturing sector which has strict requirements for hygiene and cleanliness.

New cable protection solutions for the food industry

The requirements for production equipment used in the food industry are particularly stringent. Our new, easy-to-clean JFBD conduit has been specially developed to meet these requirements. Manufactured using an innovative overextrusion technology, it is the solution you have been looking for. Our conduit lets you run cable looms, bundled and protected, through a tube, minimizing both the risk of fouling and the time and cost involved in cleaning which is usually incurred if cables are openly exposed or run in basket trays.

This new innovative manufacturing technology includes a second production stage which overextrudes a smooth, extremely easy-to-clean coating onto the conduit. The coating meets the FDA's CFR 21 / EU 10/2011 standards (up to 65°C). This innovative combination, consisting of the easy-to-clean surface and the well-proven, highly-flexible, mechanically durable conduit, satisfies the food industry's high requirements in the most effective way.



PMA's JFBD conduit is available by itself or combined with Pflitsch blueglobe CLEAN® Plus cable glands in nominal widths of 12, 17, 23, 29, 36 and 48.

Impressive test results

The JFBD conduit offers reliable protection for cables, not only in the food processing sector, but wherever there are strict requirements for cleanability. The food industry sometimes employs aggressive cleaning agents, conduits must therefore be highly resistant to them. The JFBD's high resistance to cleaning agents has been confirmed by the award of an ECOLAB certificate. We also prepared an info paper for you where we listed all the chemicals our conduit is resistant to. Please check our website for detailed information. When we talk about cleanability, we are not only talking about the cleaning method. It is just as important that after cleaning no residues are left behind. How can we be sure, when there are so many microparticles to be eliminated, which cannot be seen with our eyes? The answer is a Riboflavin test. A fluorescence test, which uses UV light to show evidence of contamination. Here, it is possible to make the invisible visible and allows confirmation of the excellent cleanability of our JFBD over-extruded conduit.

Combining the JFBD conduit with the Pflitsch blueglobe CLEAN® Plus cable gland and the stainless steel P-Clip for reliable fixation, offers end-to-end cable protection solutions for the food production sector. From connection to connection, food residues are denied the cavities, gaps and exposed threads where they might otherwise be deposited and can be easily removed by usual cleaning methods before they settle.

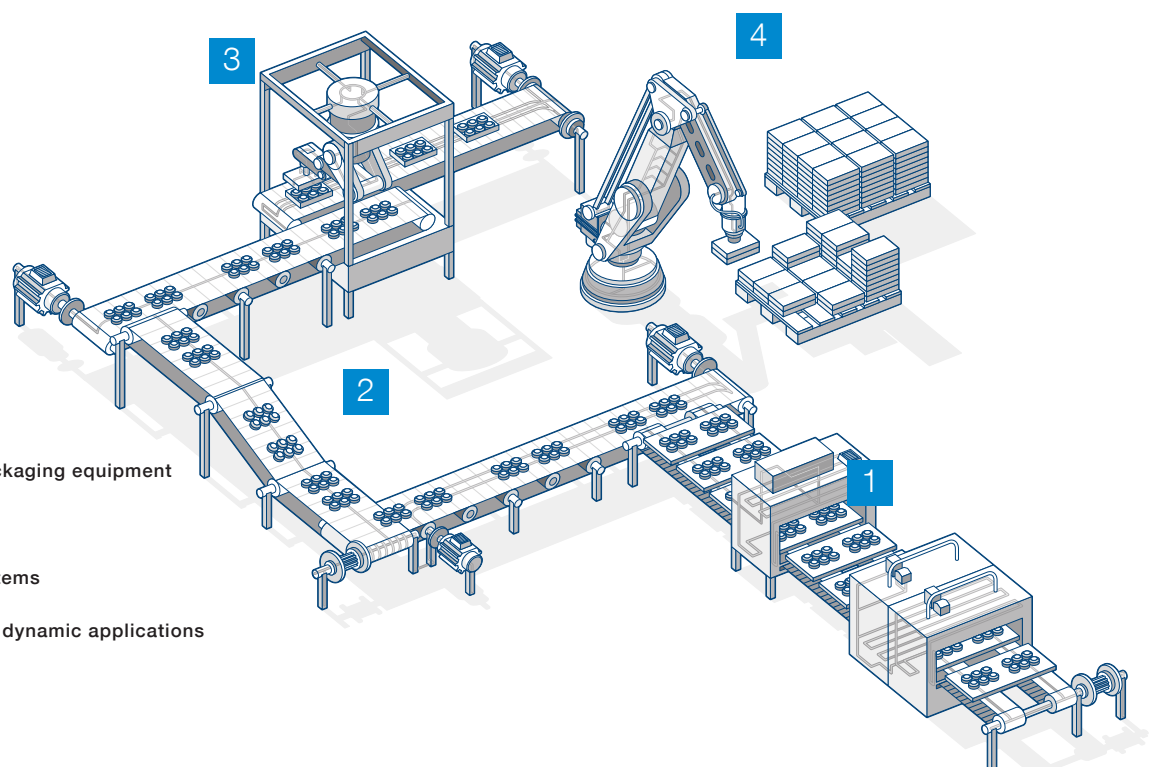
Nominal width	PMA F&B Conduit	Pflitsch F&B Cable gland
NW12	JFBDT-12C01	BG225VACP
NW17	JFB DG-17C01	BG232VACP
NW23	JFB DG-23C01	BG240VACP
NW29	JFB DG-29C01	BG250VA35HTSCP
NW36	JFB DG-36C01	BG263VA43HTSCP
NW48	JFB DG-48C01	BG263VA55HTSCP

Your key benefits:

- High resistance to cleaning agents and chemicals
- Corrosion-resistant, excellent mechanical properties
- Outstanding flexibility combined with tight bending radii
- Efficient, space-saving assembly



From the raw product to the packed foodstuff: PMA cable protection solutions help the food industry to produce cleanly, efficiently and sustainably. For a complete end-to-end solution, a cable glands and a stainless steel P-Clips provides reliable fixation and meets the food and beverage requirements.



Contact us

Head Office

Thomas & Betts Limited
700 Thomas Avenue
Saint-Jean-sur-Richelieu,
Quebec J2X 2M9
Tel.: (450) 347-5318
Fax: (450) 347-1976

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Regional Sales Offices

Atlantic Provinces

Thomas & Betts Limited
106 Chain Lake Drive, Unit 2C
Halifax, Nova Scotia B3S 1A8
Tel.: (902) 450-1307
Toll Free: 1-877-862-4357
Fax: (902) 450-1309

Quebec

Thomas & Betts Limited
5155 J.-A.-Bombardier Street
Saint-Hubert, Quebec J3Z 1G4
Toll Free: 1-800-465-1399
Fax: (450) 466-1163

Ontario

Thomas & Betts Limited
3450 Harvester Road
Burlington, Ontario L7N 3W5
Tel.: (905) 635-7888
Toll Free: 1-877-291-7771
Fax: (905) 635-7889

Manitoba/Saskatchewan

Thomas & Betts Limited
6531-148th Street, #1
Surrey, British Columbia V3S 3C5
Tel.: (604) 598-9811
Toll Free: 1-866-540-8220
Fax: (604) 598-9840

Alberta

Thomas & Betts Limited
4836 Eleniak Road
Edmonton, Alberta T6B 2S1
Tel.: (780) 424-7092
Toll Free: 1-888-664-5666
Fax: (780) 424-7093
Toll Free: 1-866-424-4082

British Columbia

Thomas & Betts Limited
6531-148th Street, #1
Surrey, British Columbia V3S 3C5
Tel.: (604) 598-9811
Toll Free: 1-866-540-8220
Fax: (604) 598-9840