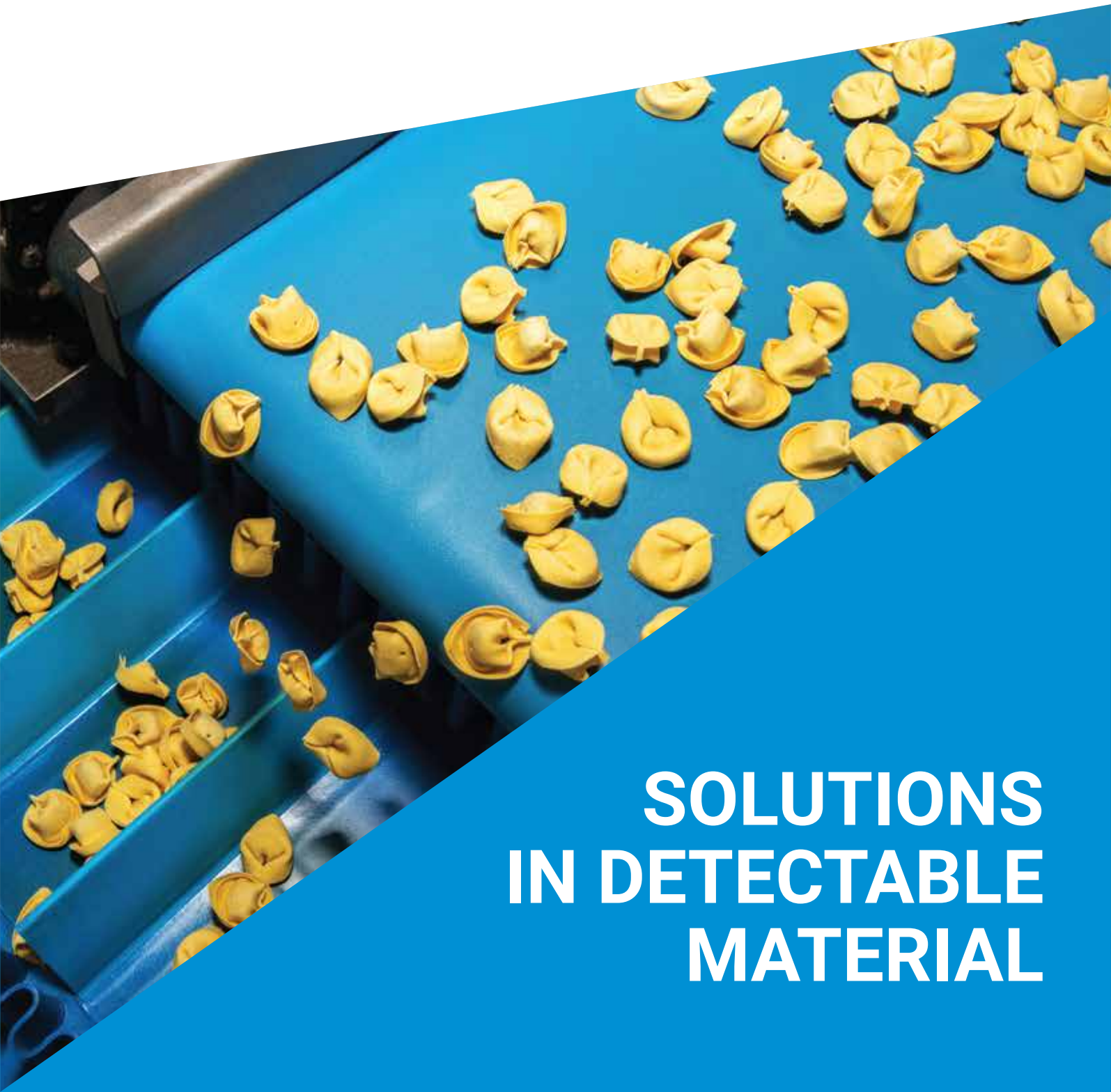




SPRAY NOZZLES FOR INDUSTRIAL APPLICATIONS



**SOLUTIONS
IN DETECTABLE
MATERIAL**

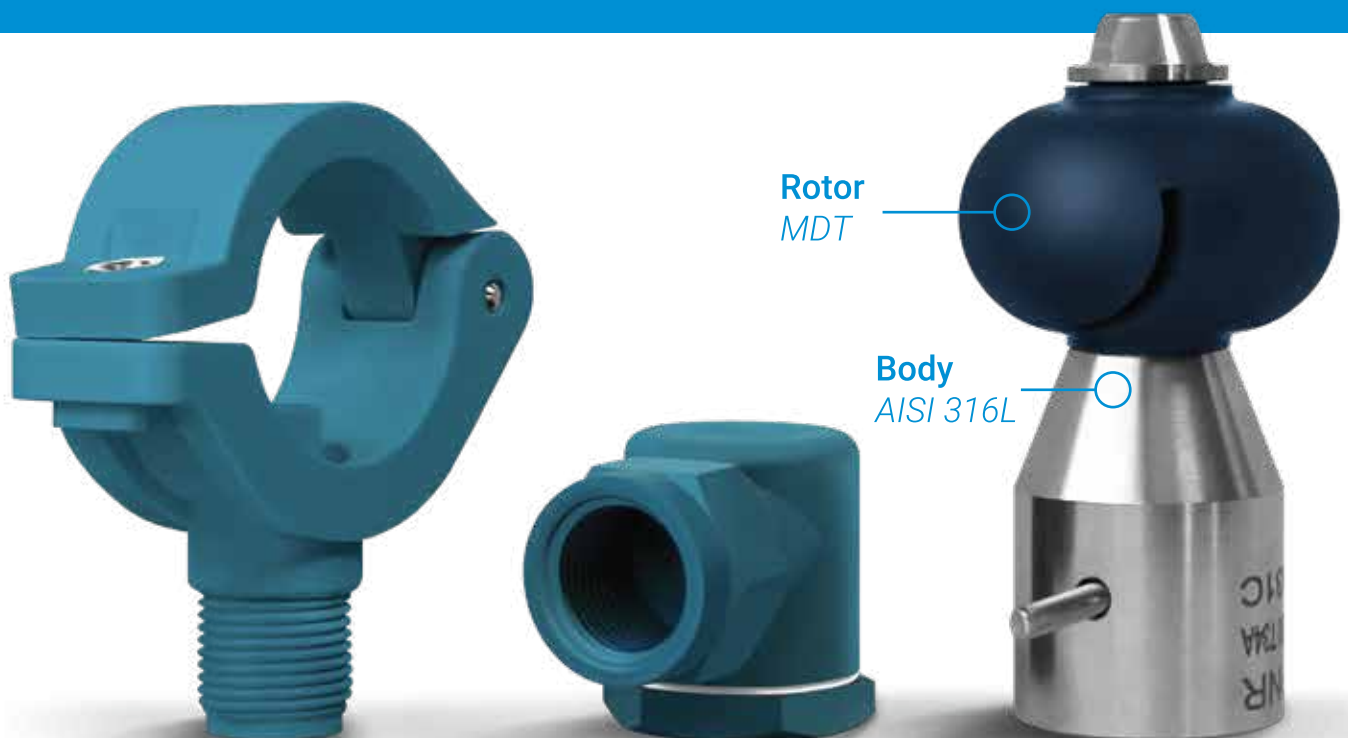
SOLUTIONS IN DETECTABLE MATERIAL

In the food sector, at every stage of product processing, you must be sure to avoid any type of contamination, of any origin, and the absence of pollutants is fundamental. Furthermore, there are many regulations that ensure the quality of the final product.

To prevent food producers from having any kind of problem from this point of view, PNR Italia is introducing its classic products (nozzles, washing heads, clamps) made of **MDT material (magnetically detectable thermoplastics)**, and specifically **PPh (polypropylene homopolymer)**. MDT compounds are created to be detected by any type of detector, even when present in very small parts, making them suitable for metal substitution.

MDT compounds are traceable from all the metal detectors on the market (both those with a fixed magnet and those with balanced coils), contrary to compounds loaded with ferromagnetic powders. Furthermore, MDT compounds do not require the use of steel fibers or metal powders, and carbon, graphite or carbon black fibers are not included. **Thanks to these characteristics, the components manufactured with MDT do not release, in operation, powders or particles that are difficult to confine** and therefore capable of dispersing in the working atmosphere and contaminating either the process or the finished products. The MDT products are suitable for contact with food, and are produced in dark blue color in order to be better identified under any circumstances.

Currently, just a few of the PNR range of products have been made with this material (internal material code: D61), but we are at your disposal to make any product that may be useful to you.



DISCOVER THE PRODUCTS WE HAVE ALREADY PRODUCED



PIEP CLAMP ZPB 0100 D61SG

- PIPE DIAMETER: 1"
- HOLE DIAMETER: 10 MM
- THREAD: 3/8" MALE

HOLLOW CONE NOZZLE PNU 1390 D61SG

- FLOW RATE: 3,90 LPM @ 3 BAR
- SPRAY ANGLE: 90°
- THREAD: 3/8" FEMALE



TANK WASHING HEAD UB0 T34A B31C

- EQUIVALENT TO UBX SERIES
- FLOW RATE: 40 LPM @ 3 BAR
- COVERAGE: 360°

A GLOBAL PRESENCE ALL OVER THE WORLD.



HEADQUARTERS:

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