

# AmPipe

## A Manifold for Food and Pharma



Ammeraal Beltech's AmPipe elastic manifold connects a fixed tube to a vibrating machine with a conveying air flow. AmPipe's exceptional quality offers excellent performance for many industries, from pharmaceutical to food and will perform to the highest standards, ensuring a long service life.

The AmPipe solution works best with belts from the RAPPLON® elastic food-grade range. Among the most common applications are the handling of items such as milk powder, sugar, coffee, flour and pharmaceutical ingredients.

AmPipe is designed to ensure maximum hygiene; its surface is easily cleanable and its elasticity guarantees a perfect leak-free fitting on both ends.

### **Main benefits:**

- Less downtime and extended lifetime
- Food Grade complying with EC 1935/2004 and FDA standards
- White and blue colored versions available for better optical hygiene detection
- Anti-static properties
- High elasticity and flexibility
- Longer work life compared to rubber hoses
- Easy on-site customisation (cutting to desired length, etc)

## Our materials make your production process more efficient

Our manifolds are made with RAPPLON® Elastic Flat belts and are specifically designed to meet your system needs for transporting and containing powders. The manifold surface delivers excellent release properties, and the anti-static treatment ensures that the metallic elements in the system do not interfere with the continuity of transfer.

What's more, the elasticity and resistance of a non-amorphous material like our high-quality homogeneous polyurethane protects the AmPipe manifold from the cracks and cuts due to aging or flexure that more traditional materials would incur, damage that would lead to products leaks.

### Technical data AmPipe Belts

| Article number | Item description | Thickness [mm] | E-Modulus [N/mm <sup>2</sup> ] | Force at break [N] | Elongation at break [%] | Inside colour | Outside colour | Antistatic | Food Grade |
|----------------|------------------|----------------|--------------------------------|--------------------|-------------------------|---------------|----------------|------------|------------|
| 54532          | UU N06 FRQ FG    | 0.80           | 32                             | 823                | 1227                    | Black         | Blue           | Yes        | Yes        |
| 54543          | UU N08 RSQ FG    | 0.80           | 33                             | 883                | 1252                    | White         | White          | No         | Yes        |
| 54563          | UU N08 RSQ FG    | 0.80           | 37                             | 969                | 1258                    | Blue          | Blue           | No         | Yes        |
| 54533          | UU N12 RFQ FG    | 1.15           | 33                             | 1338               | 1163                    | Black         | Blue           | Yes        | Yes        |
| 54540          | UU N16 RSQ FG    | 1.10           | 32                             | 1220               | 1221                    | Black         | Blue           | Yes        | Yes        |
| 54551          | UU N16 SSQ FG    | 1.10           | 48                             | 1545               | 1243                    | Black         | Blue           | Yes        | Yes        |
| 54534          | UU N17 RFQ FG    | 1.50           | 34                             | 1522               | 1209                    | Black         | Blue           | Yes        | Yes        |
| 54535          | UU N22 RFQ FG    | 1.85           | 31                             | 2050               | 1207                    | Black         | Blue           | Yes        | Yes        |

### Available dimensions:

#### Diameters Ø:

From 64 mm up to 1m

#### Length:

from 200 mm to 12 m

#### Conical manifold:

Length up to 3 m



Synthetic Belts



Endless Woven Belts



Modular Belts



Engineered Belts



Homogeneous Belts



Fabrication & Service

**Expert advice and quality solutions  
for all your belting needs.**  
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