



CASE STUDY - INJECTION MOULDED FLIGHTS

Background

Prior to our involvement, these flights on an aeromechanical conveyor were fitted as a three piece part onto the wire rope and involved assembly with four steel fasteners.



Disadvantages

- Costly and time consuming operation and assembly
- For industries such as food and medical, cracks and joints existed which provided the perfect opportunity for bacteria to multiply

Solution

We were able to work alongside the customer in designing and developing a cost effective process in which Devol are able to mould the flights directly around the rope in one piece.

Advantages

- Elimination of joints and crevices - does not jeopardise the integrity of the operation or of the machinery
- Reduced assembly time for our client
- No loose components
- Huge cost savings
- Increased efficiency in production