SUNX
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Prevent molded component from sticking to die

OUTLINE / PREVIOUS

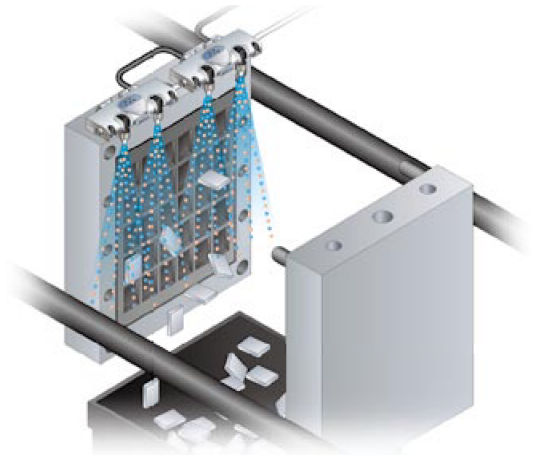
Customer: Electric component manufacturer
Machinery: Resin component molding machine

Components (connectors), which are formed in a vertical injection molding machine, are extruded from the back of the die and dropped when the die is separated.
Molded components are blown by normal air from top of the die.

PROBLEM

Even molded components are blown by normal air, they stick to the die again to cause defective moldings.

SOLUTION



MODEL / HOW TO

ER-VW ER-VWAR80
Two units of **ER-VW** are used.
Charge removal is performed in conjunction with the opening of the die as well as the extrusion from the die.
Static charge on both sides of molded part is removed, they will not stick to the die.

BENEFIT 1 Easy connection

The joint kit **ER-VWAR80** helps to easily connect **ER-VW** (maximum 5 units).
Charge removal area can be flexibly set according to each needs of machinery.

BENEFIT 2 Nozzle angle adjustment mechanism

ER-VW is equipped with two nozzles which can be adjusted within a range of 190 degrees by screwing down the nozzle end.

BENEFIT 3 Air supply monitoring function

ER-VW is equipped with air supply monitoring function which automatically stops discharging when air supply is decreased to the rated pressure. Notified with light up of the indicator (AIR) and light off of the indicator (DSC).