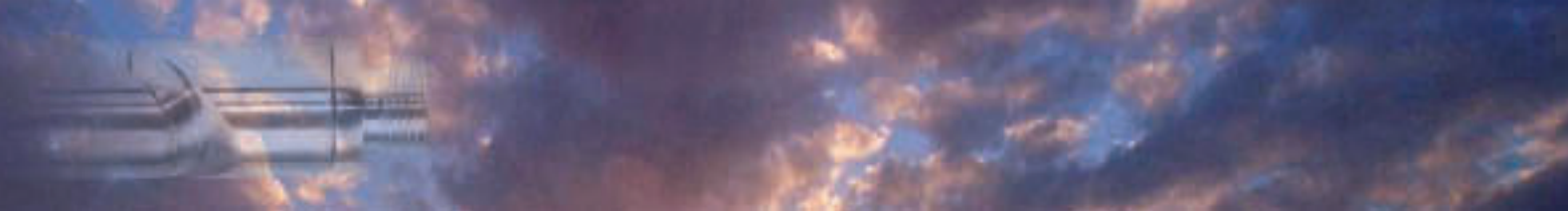


MultiFlex Swivel Connector

Magic in the air



Atlas Copco



Cramped spaces, heavy air hoses?

Working with pneumatic assembly tools in cramped, awkward spaces? Vehicle interiors, for instance, can be hard to access – and there are hundreds of similar situations where the air hose can get in the way and slow you down. It can be frustrating!

Or you may be working with material removal tools. Atlas Copco grinders and sanders are the lightest, most powerful on the market today. But to give optimum performance, they need large-dimension air hoses. As the day goes on, the hose seems to get heavier...

Ever wished there was a better way?



“Normal” solution



The magic of MultiFlex

MultiFlex – a wish come true!

The MultiFlex swivel is an ingenious multi-directional connector. Connect your tool and the hose will stay in the ideal position however much you and the tool move around. The MultiFlex bends in all directions while the hose stays straight. It takes the effort out of working in those cramped spaces. What's more, the hose feels almost weightless. It's the magic of MultiFlex – a marriage of ergonomic thinking and ingenious design.



Ergonomic thinking takes the load off the operator

The variable geometry of the MultiFlex swivel allows it to rotate freely through 360°. MultiFlex takes the effort out of working in spaces with poor accessibility, and makes heavy rubber hoses seem virtually weightless. This will boost individual productivity in your plant.



Minimum pressure drop, high productivity

Conventional swivels often cause substantial pressure drop that can affect your productivity. In the MultiFlex, the air passes through a continuous section, whatever the angle of the swivel, thus ensuring minimum pressure drop to the tool and maximum productivity.

MultiFlex reduces hose wear

Since the MultiFlex swivel bends in all directions at the tool handle, the hose can remain straight. This means a substantial reduction in hose wear and thus noticeable cost savings.



Long working lifetime

Like all Atlas Copco products, MultiFlex swivels are manufactured to the highest standards of quality. Made from special aluminum, with high toughness, they can stand up to the roughest handling. While you may need to replace other swivels as often as every year, MultiFlex swivels will give you reliable service for several years.



MultiFlex pays for itself

By raising productivity, reducing hose wear, and lasting much longer than other swivels, MultiFlex swivels pay for themselves quickly.



It makes sense to buy accessories from the original tool supplier

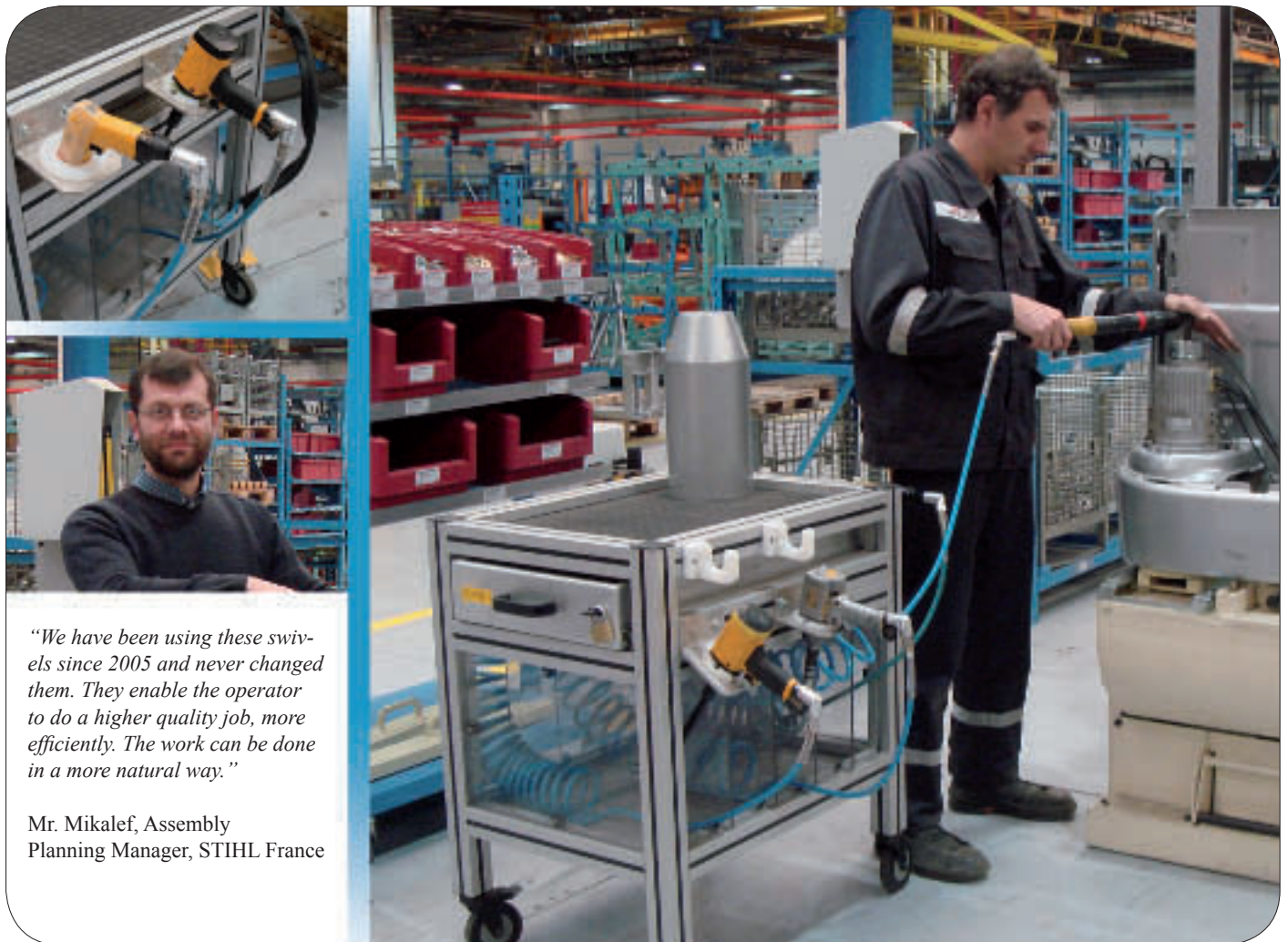
Using Atlas Copco power tools? What better way to ensure compatible, high quality, reliable accessories than to buy them from the original tool manufacturer, Atlas Copco? Rely on us to supply the items you need to raise your productivity.

The magic of MultiFlex



- Rotates freely through 360°
- Comfortable for the operator
- Higher individual productivity
- Low pressure drop

- Reduced hose wear
- Long working life-time
- Short payback time



“We have been using these swivels since 2005 and never changed them. They enable the operator to do a higher quality job, more efficiently. The work can be done in a more natural way.”

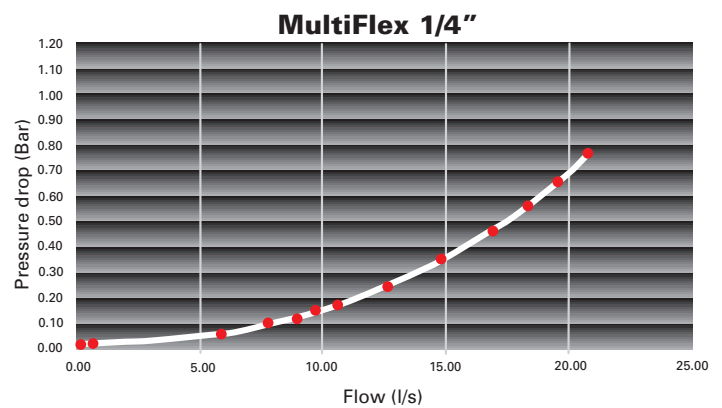
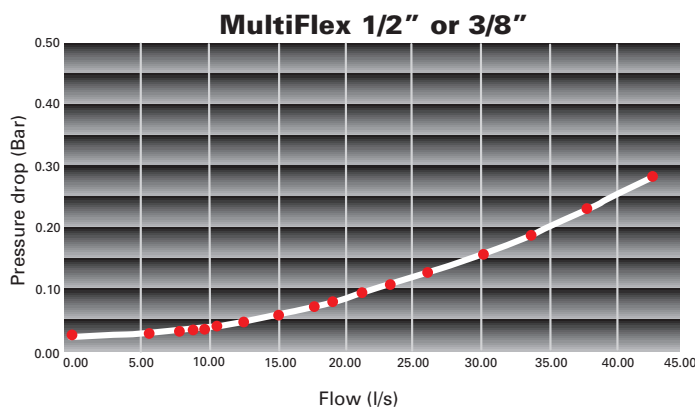
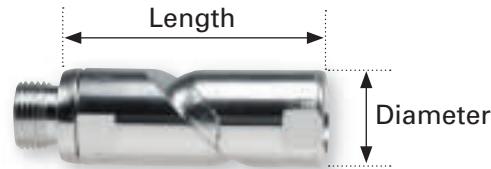
Mr. Mikalef, Assembly Planning Manager, STIHL France

MultiFlex swivels are mounted on 100% of the tools in the new STIHL (France) assembly line.

MultiFlex swivel connector – technical data

Model	Max. recommended air flow*		Thread		Weight g	Length mm	Diameter mm	Ordering No.
	l/s	cfm	Inlet female in	Outlet male in				
MultiFlex Swivel 1/4" BSP	12	25	1/4 BSP	1/4 BSP	73	66.2	24	8202 1350 20
MultiFlex Swivel 3/8" BSP	35	74	3/8 BSP	3/8 BSP	130	80.6	29.5	8202 1350 22
MultiFlex Swivel 1/2" BSP	35	74	1/2 BSP	1/2 BSP	125	80.6	29.5	8202 1350 24

* The pressure drop will be 0.2 bar at an inlet pressure of 6 bar.



How to select a swivel for your tool

Example LSV 38 grinder:

The LSV 38 grinder has a 3/8" air inlet thread, so the 3/8" MultiFlex swivel is chosen. The maximum air consumption for this tool is 24 l/s. The graph above shows that the 3/8" swivel has a pressure drop of 0.1 bar at an air flow of 24 l/s. For maximum productivity we recommend maximum 0.2 bar pressure drop per airline component. The 0.1 bar pressure drop caused by the swivel in combination with the LSV 38 grinder is within our recommended limits and can therefore be used without jeopardizing productivity.

We are committed to your superior productivity



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