



PURGE BAFFLE KITS



Purge Baffles for High-Purity Tube & Pipe Welding

Durable tube and pipe baffle systems are designed for quick, cost effective purging of popular pipe and tube diameters and schedules. They're engineered to reduce time spent purging a run of pipe, and greatly decrease labor costs, and save you money on expensive argon shield gas. Most importantly, purge baffles are proven to improve tube and pipe weld quality.

Based on your application, choose between our heavy-duty, dedicated Purge Baffles designed for a single pipe diameter, or choose a versatile Modular Baffle System which includes a variety of interchangeable parts that can be customized to handle all of the pipe diameters and schedules that come your way.

Heat resistant to 330°C (360°F)

Part No.	Size	Part No.	Size	Part No.	Size
AZPK3843	38-43 mm	AZPK8091	80-91 mm	AZPK195220	195-220 mm
AZPK4348	43-48 mm	AZPK8695	86-95 mm	AZPK215240	215-240 mm
AZPK4753	47-53 mm	AZPK90101	90-101 mm	AZPK235260	235-260 mm
AZPK5258	52-58 mm	AZPK100112	100-112 mm	AZPK255280	255-280 mm
AZPK5463	54-63 mm	AZPK105120	105-120 mm	AZPK275300	275-300 mm
AZPK5868	58-68 mm	AZPK120140	120-140 mm	AZPK290320	290-320 mm
AZPK6472	64-72 mm	AZPK135155	135-155 mm	AZPK310340	310-340 mm
AZPK6876	68-76 mm	AZPK145165	145-165 mm	AZPK325355	325-355 mm
AZPK7281	72 - 81 mm	AZPK160180	160-180 mm	AZPK345375	345-375 mm
AZPK7586	75-86 mm	AZPK175200	175-200 mm	AZPK360390	360-390 mm
				AZPK380410	380-410 mm



INDEPENDENT WHOLESALE WELDING SUPPLY

Ph: 02 8834 2400 Email: iwws@iwws.net Website: www.iwws.net



PURGE BAFFLE ASSEMBLY



Step 1: Assemble the inlet to what will be your forward baffle. Insert the threaded portion of the gas inlet through the centre hole of the baffle and secure with the nut.



Step 2: Assemble the outlet to what will be your trailing baffle. Like with the forward baffle, insert the threaded portion of the gas outlet through the centre hole of the baffle and secure with the nut.



Step 3: With both baffles assembled, affix the first of the connecting arms to the forward baffle.

Note: Deciding whether to use the flexible arms or the rigid arms in your application depends on the types of bends in the pipe run.

a) Straight pipe: Use both rigid arms.

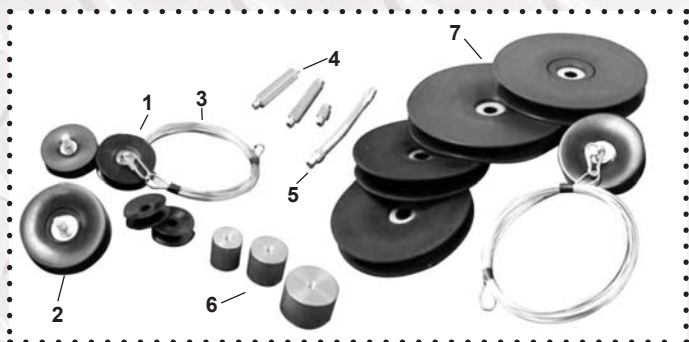
b) Moderate - std elbows: Use 1 rigid arm as the forward connector and 1 flexible arm as the trailing connector.



Step 4: Then, thread the diffuser onto each of the connecting arms.



Step 5: Connect the trailing baffle to the trailing connecting arm.



Kit includes:

1. Gas inlet with nut & safety hook
2. Gas outlet with nut & sintered excess pressure vent
3. 9 m pull cable & 9 m gas hose with quick disconnect
4. Ridge arms 2 x medium, 1 x short
5. Flexible arm x 1
6. Gas diffuser x 1
7. Silicon baffles x 2

