

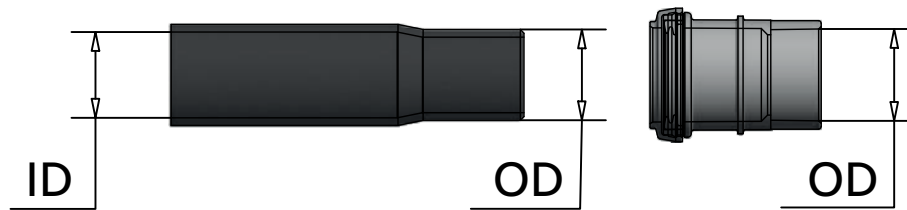
At Polypipe Building Services, we like to create products that can be adapted to fit other components and therefore present you with a wide range of solutions. That's why we're using our first technical bulletin of 2017 as an opportunity to illustrate how to adapt our systems to other materials.

The tables below shows the different pipe materials available as well as their internal and external diameters. Within this document we will explain how to connect these systems with a Terrain system.

### Key Features

Specific products for adapting in direction of flow.

Direction of flow 



Material	OD					
	Size					
	1¼"	1½"	2"	3"	4"	6"
PVC-u	36mm	43mm	56mm	82mm	110mm	160mm
PP	35mm	41mm	54mm			
HDPE	40mm	50mm	56mm	90mm	110mm	160mm
Terrain Q	40mm		50mm		110mm	160mm
Iron	42mm	47.8mm	60mm			
Copper	35mm	42mm	54mm		108mm	
Clay					100mm	
Vulcathene		48mm	60mm	89mm	114mm	
Cast Iron					112mm	
Ridgidrain					118mm	176mm
Chrome	32mm					

Material	ID					
	Size					
	1¼"	1½"	2"	3"	4"	6"
PVC-u	32mm	39mm	52mm	76mm	104mm	154mm
PP	31mm	37mm	50mm			
HDPE	34mm	44mm	50mm	83mm	101mm	148mm
Terrain Q	36mm		46mm		104mm	153mm
Iron	32mm	38mm	50mm			
Copper	32mm	39mm	51mm		104mm	
Clay					76mm	
Vulcathene		38mm	51mm	76mm	102mm	
Cast Iron					98mm	
Ridgidrain					100mm	150mm
Chrome	28mm					

Note: Pipes to be chamfered and lubricated when being used with ring seal, use 9136.250L Silicone grease.

References: 1. Terrain Soil and Waste Product Installation Guide. 2. BSEN12056 Gravity drainage systems inside buildings. Sanitary pipework, layout and calculation.

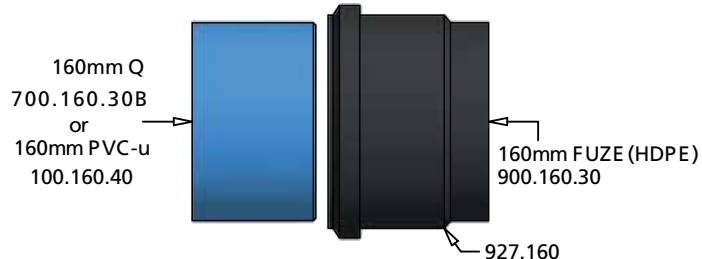
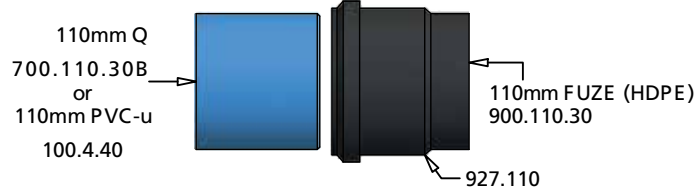
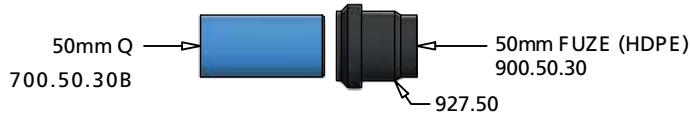
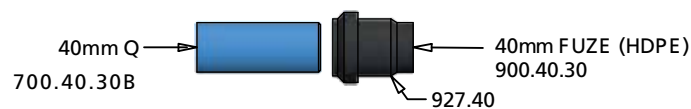
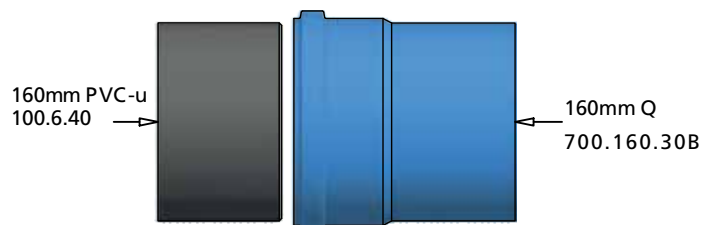
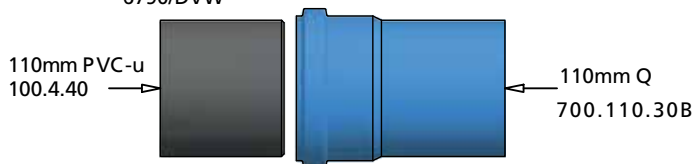
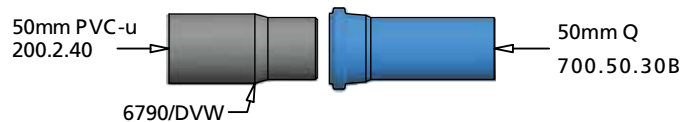
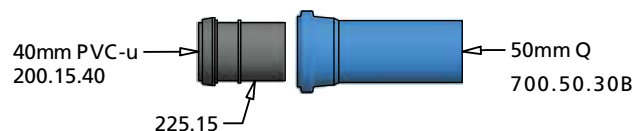
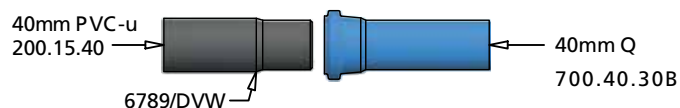
For more information please call our [Technical Team on 01622 795200](tel:01622795200).

### PVC-u - Terrain Q

### Key Features

Specific products for adapting in direction of flow.

Direction of flow 



Note: Pipes to be chamfered and lubricated when being used with ring seal, use 9136.250L Silicone grease.

References: 1. Terrain Soil and Waste Product Installation Guide. 2. BSEN12056 Gravity drainage systems inside buildings. Sanitary pipework, layout and calculation.

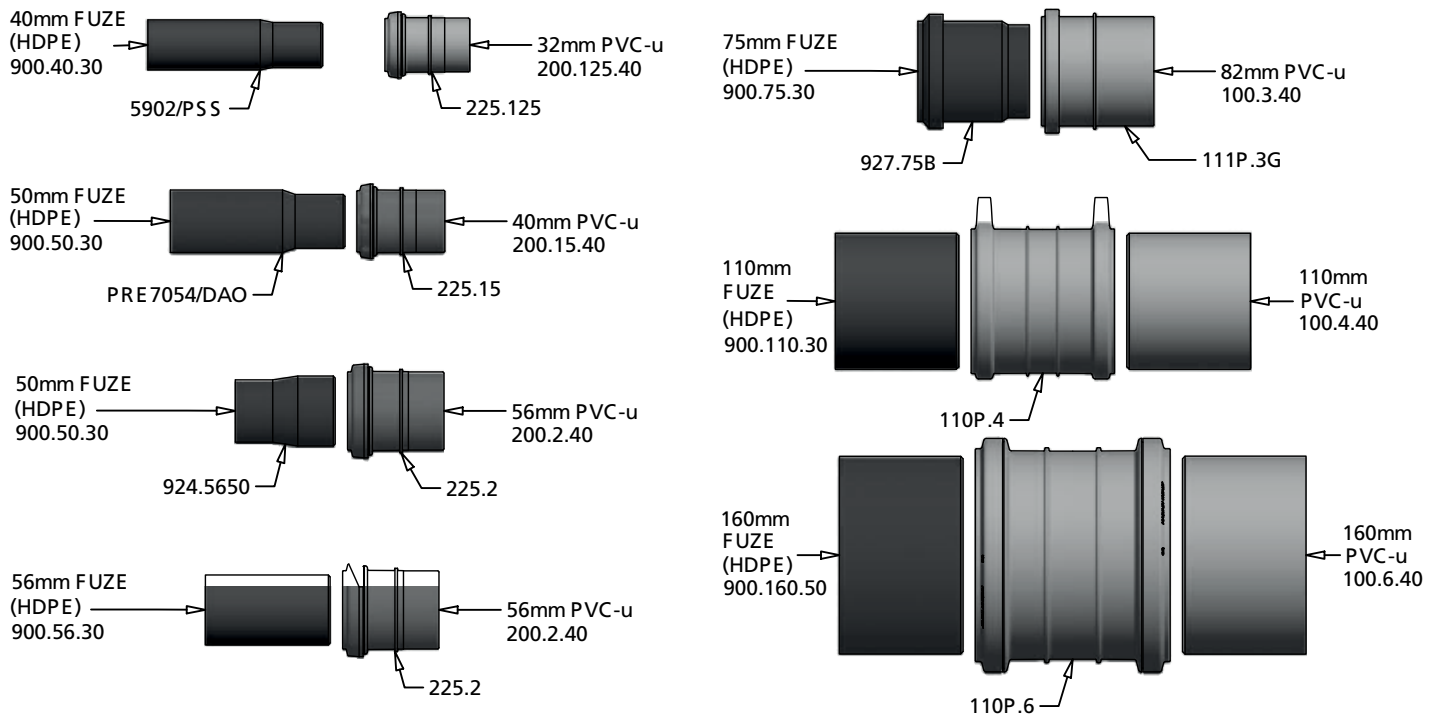
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### FUZE (HDPE) - PVC-u

### Key Features

Specific products for adapting in direction of flow.

Direction of flow 



Note: Pipes to be chamfered and lubricated when being used with ring seal, use 9136.250L Silicone grease.

References: 1. Terrain Soil and Waste Product Installation Guide. 2. BSEN12056 Gravity drainage systems inside buildings. Sanitary pipework, layout and calculation.

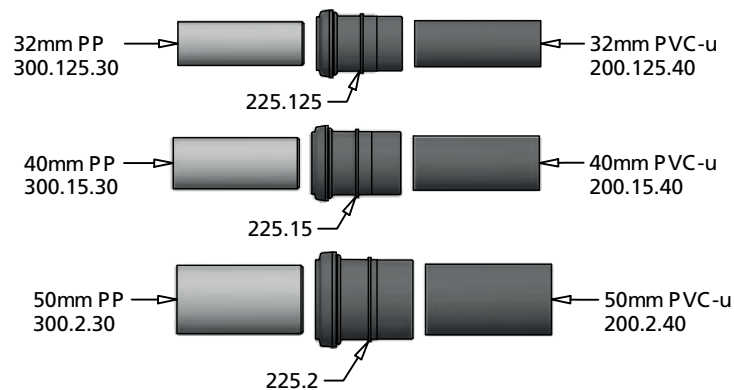
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### PP - PVC-u

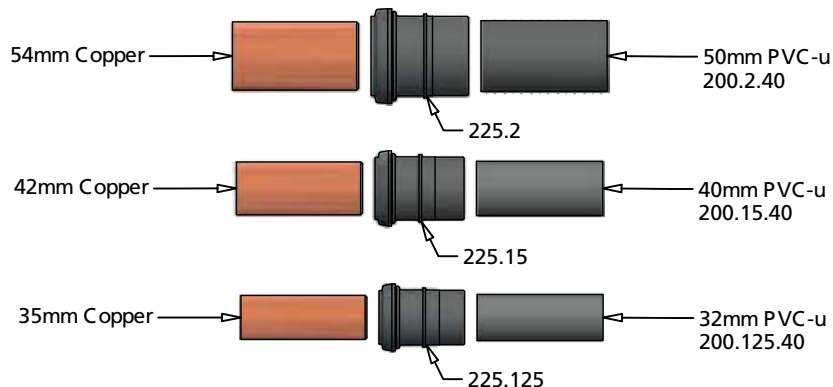
### Key Features

Specific products for adapting in direction of flow.

Direction of flow 



### Copper - PVC-u



Note: Pipes to be chamfered and lubricated when being used with ring seal, use 9136.250L Silicone grease.

References: 1. Terrain Soil and Waste Product Installation Guide. 2. BSEN12056 Gravity drainage systems inside buildings. Sanitary pipework, layout and calculation.

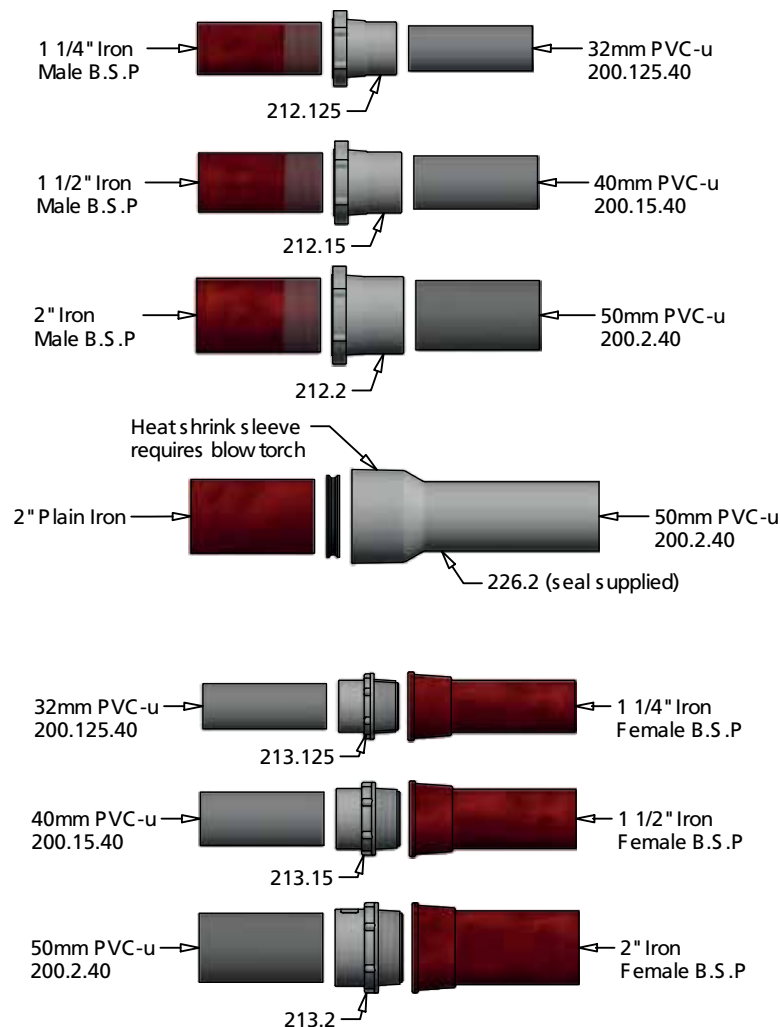
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### Iron - PVC-u

### Key Features

Specific products for adapting in direction of flow.

Direction of flow 



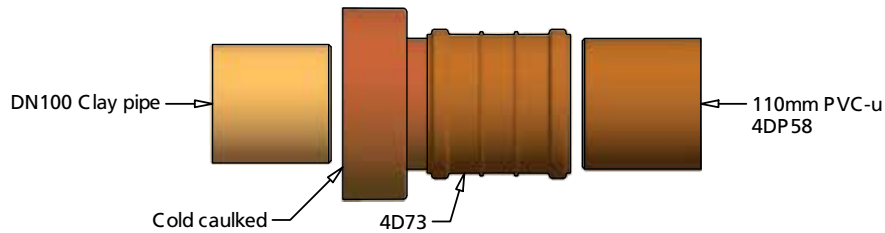
Note: Pipes to be chamfered and lubricated when being used with ring seal, use 9136.250L Silicone grease.  
 References: 1. Terrain Soil and Waste Product Installation Guide. 2. BSEN12056 Gravity drainage systems inside buildings. Sanitary pipework, layout and calculation.  
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### Key Features

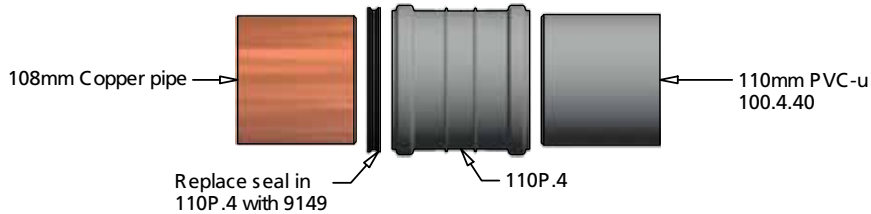
Specific products for adapting in direction of flow.

Direction of flow 

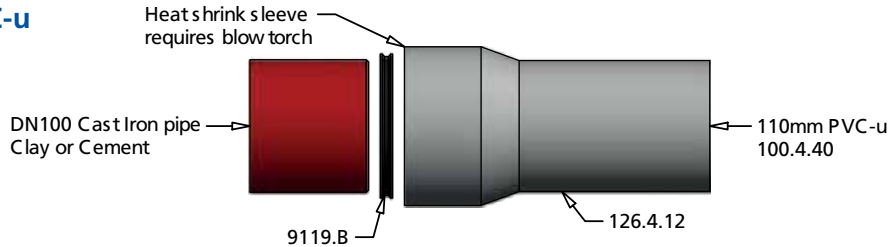
### Clay - PVC-u



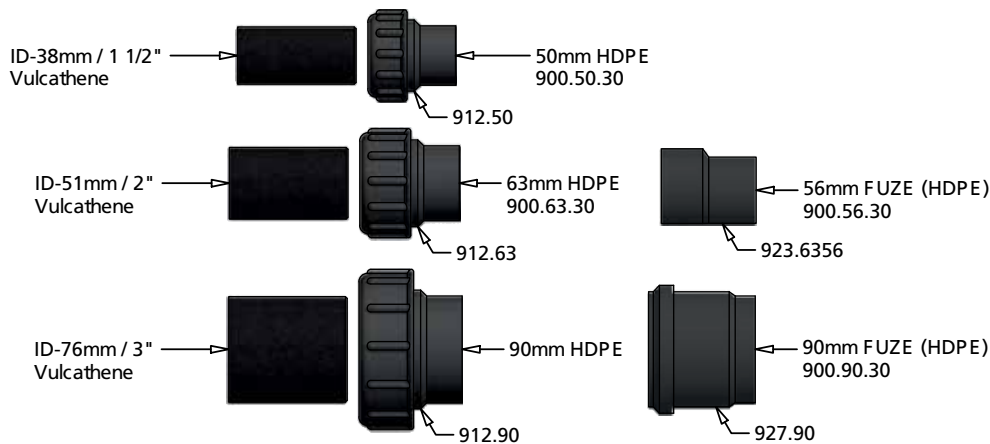
### Copper - PVC-u



### Cast Iron - PVC-u



### Vulcathene - FUZE (HDPE)



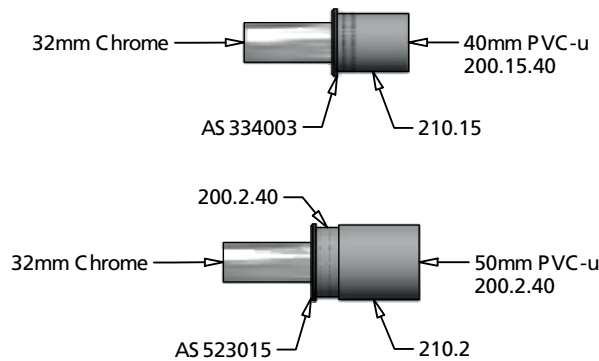
Note: Pipes to be chamfered and lubricated when being used with ring seal, use 9136.250L Silicone grease.  
 References: 1. Terrain Soil and Waste Product Installation Guide. 2. BSEN12056 Gravity drainage systems inside buildings. Sanitary pipework, layout and calculation.  
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### Key Features

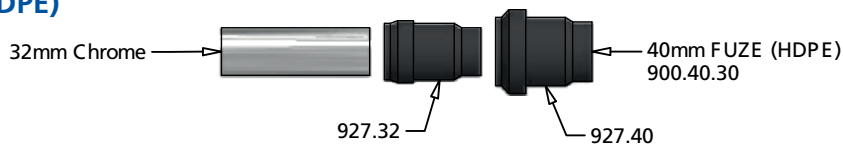
Specific products for adapting in direction of flow.

Direction of flow 

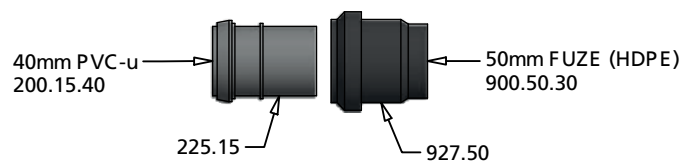
### Chrome - PVC-u



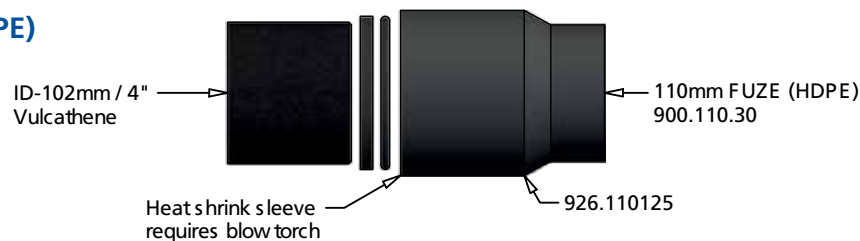
### Chrome - FUZE (HDPE)



### PVC-u - FUZE (HDPE)



### Vulcathene - FUZE (HDPE)



Note: Pipes to be chamfered and lubricated when being used with ring seal, use 9136.250L Silicone grease.

References: 1. Terrain Soil and Waste Product Installation Guide. 2. BSEN12056 Gravity drainage systems inside buildings. Sanitary pipework, layout and calculation.

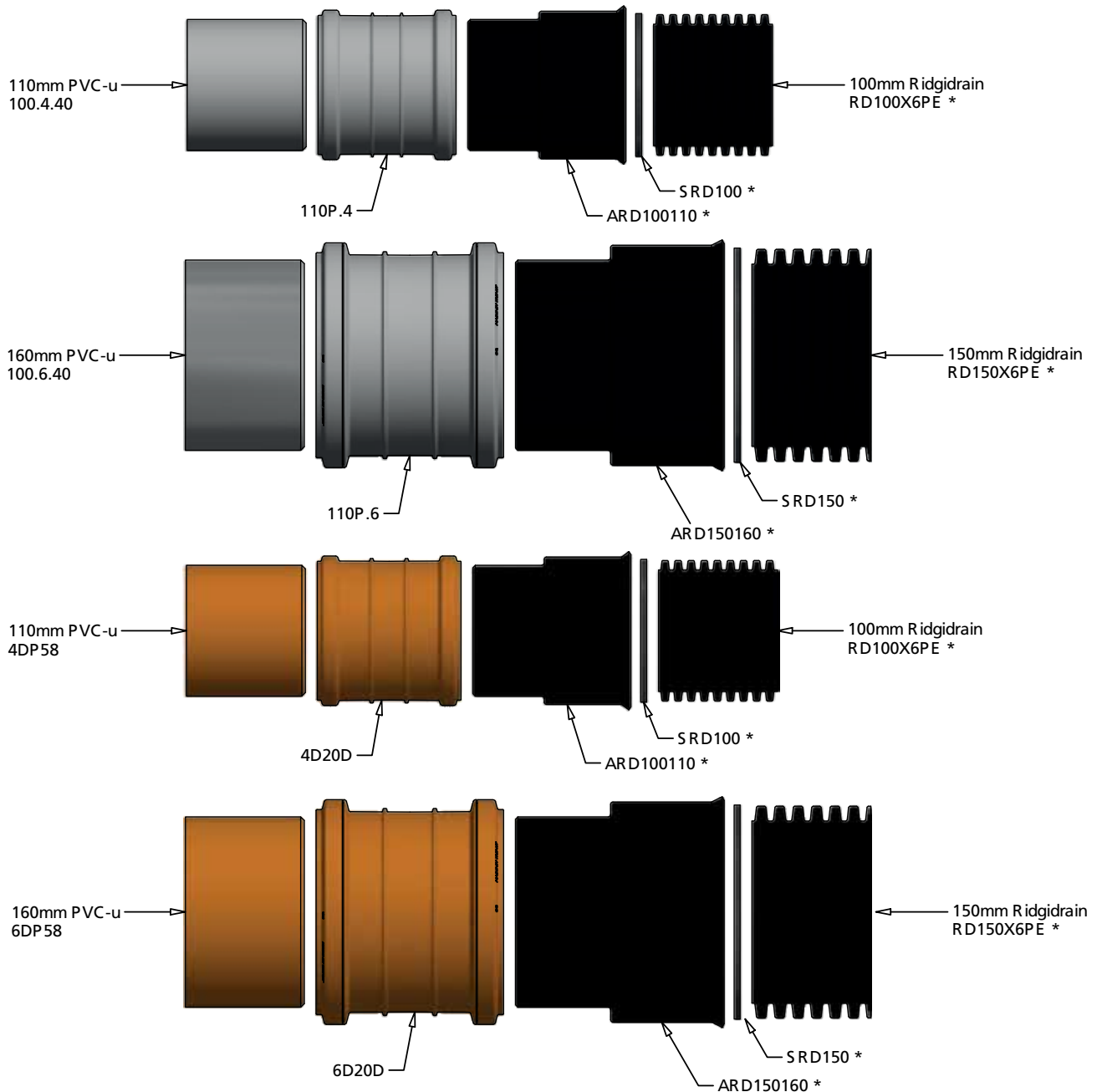
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### PVC-u - Ridgidrain\*

### Key Features

Specific products for adapting in direction of flow.

Direction of flow 



\* Products available from Polypipe Civils

Note: Pipes to be chamfered and lubricated when being used with ring seal, use 9136.250L Silicone grease.

References: 1. Terrain Soil and Waste Product Installation Guide. 2. BSEN12056 Gravity drainage systems inside buildings. Sanitary pipework, layout and calculation.

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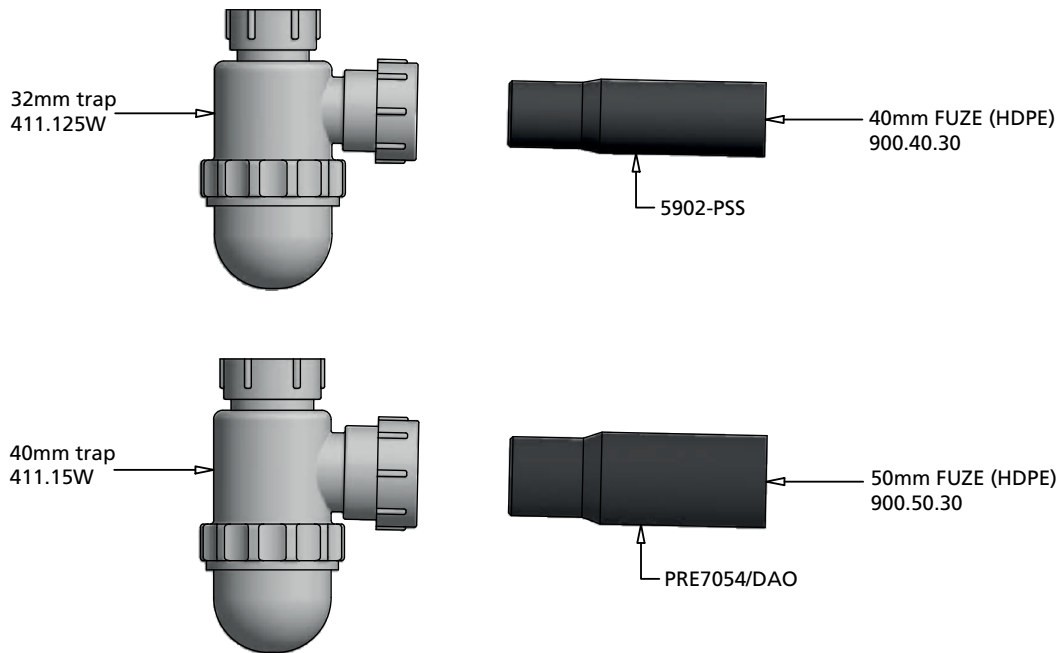


### Traps - FUZE (HDPE)

### Key Features

Specific products for adapting in direction of flow.

Direction of flow 



Note: Pipes to be chamfered and lubricated when being used with ring seal, use 9136.250L Silicone grease.

References: 1. Terrain Soil and Waste Product Installation Guide. 2. BSEN12056 Gravity drainage systems inside buildings. Sanitary pipework, layout and calculation.

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