

Aqua-Shield™ AQW-FPK Selection Guide

Flange Protection Kit with Snap-Fit Closure for Water Pipelines

The product selection chart shown here is intended as a guide for standard products. Consult your Canusa representative for specific projects or unique applications.

Product Selection Guide

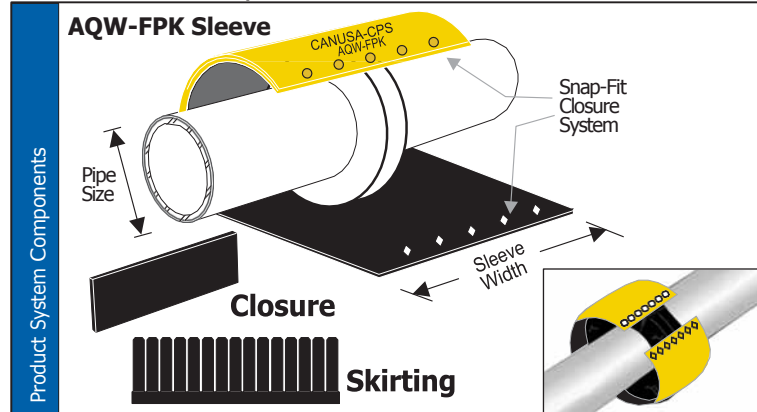
Available Sizes and Dimensions	Pipe Size \varnothing mm (in)	Max. Flange \varnothing mm (in)	AQW-FPK Sleeve	Size Range (mm) supplied/recovered	Pin to Pin Length mm (in)
	450 (18)	635 (25)	AQW-FPK 735/260-860 BK	735/260	2310 (90.9)
	510 (20)	700 (27½)	AQW-FPK 800/280-860 BK	800/280	2515 (99.0)
	610 (24)	810 (32)	AQW-FPK 915/325-860 BK	915/325	2875 (113.2)
	760 (30)	985 (38¾)	AQW-FPK 1085/380-860 BK	1085/380	3410 (134.3)
	915 (36)	1170 (46)	AQW-FPK 1270/445-860 BK	1270/445	3990 (157.1)
	1060 (42)	1345 (53)	AQW-FPK 1450/510-860 BK	1450/510	4560 (179.5)
	1220 (48)	1510 (59½)	AQW-FPK 1615/570-860 BK	1615/570	5075 (199.8)
	1370 (54)	1680 (66¼)	AQW-FPK 1785/625-860 BK	1785/625	5610 (220.9)
	1525 (60)	1855 (73)	AQW-FPK 1955/685-860 BK	1955/685	6145 (241.9)
1675 (66)	2035 (80)	AQW-FPK 2135/750-860 BK	2135/750	6710 (264.2)	

* For smaller pipe sizes, see Canusa High Shrink Product Data Sheet or consult Canusa representative.

Typical Product Properties

Test Name	Test Standard	Unit	Typical Result
Softening Point	ASTM E28	°C (°F)	89 (192)
Tensile Strength	ASTM D638	psi	2900
Elongation	ASTM D638	%	700
Hardness	ASTM D2240	Shore D	46
Volume Resistivity	ASTM D257	ohm-cm	10 ¹⁷
Dielectric Strength	ASTM D149	V/mil	700
Water Vapour Transmission	ASTM E96	g/h/m ²	< 0.01
Adhesion to Steel	ASTM D1000	pli	7
Low Temperature Flexibility	ASTM D2671C	°C (°F)	-20 (-4)
Impact	ASTM G14	in-lbs	50

Product Components



Size Selection

Choose your sleeve based on the maximum flange outer diameter

The diagram shows a cross-section of a pipe with a flange. The pipe diameter is labeled as 457 mm and the flange diameter is labeled as 635 mm.

Example:
If the sleeve needs to protect a \varnothing 450mm (18") flange joint with a flange diameter of 635mm, (25") and a pipe diameter of 457mm (18")
You would need an AQW-FPK with a supplied diameter that is at least 75mm larger than the flange \varnothing and recovers at least 75mm less than the pipe \varnothing . Thus, an AQW-FPK 735/260 is required.

How To Order:

Dimensions & Ordering Info	AQW-FPK 735/260-860 BK	Standard Ordering Options
		AQW-FPK
		BK-Black
		860mm (34")
		735mm / 260mm (28.9" / 10.2")
		1.1 mm (44 mils)
	0.8 mm (32 mils)	
	AQW-FPK - Flange Protection Kit	

The above represents standard ordering options. Consult your Canusa representative for any unique project requirements.



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