

HAKKO Ferrule Fittings

The nipple is less likely to accumulate fluids ⇒ Fewer times of washing

Flexible Fluorine (PVDF) Resin Yarn Reinforced Hose with Ferrule Fittings

[Model Number: E-PDB-(I.D.)-(Ferrule Size)-(Product Length)]

Characteristics & Functions



- Machine Tools · Molding Machine · Factory Equipment
- Semiconductor-related Devices · Flat Panel Display (FPD) Manufacturing Devices
- Food, Cosmetics, Medical Manufacturing Equipment
- Manufacturing Equipment for Power Plant, Chemicals, Waste Oil, Waste Liquid, and Organic Solvents

Specification

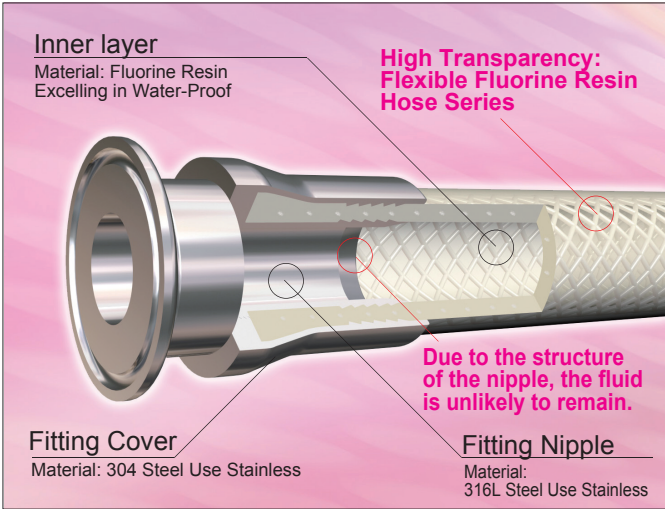


Model Number	Inch (Inside Diameter) (*1)	I.D. × O.D. mm	Working Pressure MPa		Minimum Bend Radius at 20°C mm	Temperature Range °C	Fitting Type	Fitting Size (mm)				
			at 20°C	at 80°C				A	B	C	E	H
E-PDB-19-F15A	3/4	19 × 26		0 ~ 0.5	135		15A	34	27.5	17.5	17	40
E-PDB-19-F1S							1S	50.5	43.5	23	20	40
E-PDB-25-F1S	1	25 × 33	0 ~ 1.0	0 ~ 0.3	175	- 20 ~ 80	1S	50.5	43.5	23	20	48
E-PDB-25-F1.25S							1.25S	50.5	43.5	29.4	20	48
E-PDB-25-F1.5S							1.5S	50.5	43.5	35.7	20	48
E-PDB-32-F1.5S	1 1/4	32 × 41	0 ~ 0.5	0 ~ 0.25	225		1.5S	50.5	43.5	35.7	20	55
E-PDB-38-F1.5S	1 1/2	38 × 48					1.5S	50.5	43.5	35.7	20	62

*1: Please note that inch size is approximate, which is not equal to milliunit.

Characteristics and Functions

- **Sanitary Fittings**...Our original sanitary ferrule fittings fit in well with our laminated structure hose. You do not have to worry about the fluid leakage. Fittings do not come off from the hose. Ferrule fittings allow you to install easily and improve the work efficiency. Standardization is possible.
- **Safety**...Clearly specify the temperature range and working pressure for each hose.
- **Sanitation**...The edge of nipple is processed as taper, so the gap between the hose inside and the edge of nipple is small. Thus, fluid accumulation of the edge of nipple is minimized.
- **Transparency**...You can easily check the fluid since E-PDB has higher levels of transparency.
- **Chemical Resistance**...Fitting nipple is made of SUS316L and the inner layer is made of PVDF. So it is superior in chemical resistance.
- **Food Sanitation Law Certified**...This conforms to the Food Sanitation Standard No.370 (The Ministry of Health and Welfare for Food Sanitation, No. 370, 1959) (Conformity to N-Heptane).



How to choose hoses and ferrule fittings

Fitting Type		
I.D×O.D. mm	Fitting Type	Fitting Model
19 × 26	ISO 15A	F15A
	IDF 1.0S	F1S
25 × 33	IDF 1.0S	F1S
	IDF 1.25S	F1.25S
	IDF 1.5S	F1.5S
32 × 41	IDF 1.5S	F1.5S
38 × 48	IDF 1.5S	F1.5S

An Example of Code

E-PDB-25-F1S-850L

Total Length of Products

Fitting Type (Both Ends)

Model Number

In case you would like to order two different fittings, please align the fitting codes as follows.

Ex.) **E - PDB - 19 - F15A - F1S - 850L**

Length of Products

The total length is from one end of the fitting to the other end of the fitting.

The margin of error of the Hose Assembly (Based on JIS B 8360)

The length of Assembly=mm	Margin of Error=mm
Less than 500	+10mm, -0
Over 500, but less than 1,000	+15mm, -0
Over 1,000, but less than 2,000	+20mm, -0
Over 2,000, but less than 5,000	+1.0%, -0
Over 5,000	+2.0%, -0

Free of Charge: Laser-Marking Service

We can do a laser-marking on the fitting cover.



Cautions: Before you use "Flexible Fluorine Resin Hose Series with Ferrule Fittings," please refer to "Precautions for Use" on our webpage.

Contact us if you have any inquiries about HAKKO products.

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