

FEP Heat Shrink - FEP heat shrinkable sleeves



Features & Benefits

- Virtually total chemical and solvent resistance.
- Working temperature from -200°C to + 200°C.
- Remains flexible at cryogenic temperatures.
- Very low coefficient of friction.
- Non-stick surface.
- Extremely high electrical resistance.
- Very low dielectric loss at high frequencies.
- Total resistance to UV radiation.
- Naturally non-flammable.
- Non-toxic.
- Any diameter can be made to order.



Applications

Like PTFE heat-shrink, FEP offers all the unique properties of fluoroplastics, but with one exceptional addition. Whilst the maximum continuous working temperature is 200°C the shrink temperature is only 100°C. This means it can safely be shrunk over temperature sensitive materials without damage. Couple this property with its transparency, complete chemical resistance, total UV resistance and non-stick nature you have a very unique material.

FEP Standard Wall

Hilltop Part No.	Supplied ID mm	Shrunk ID mm	Wall mm
FEP-1.5/1-X	1.5	1.0	0.25
FEP-1.6/1.1-X	1.6	1.1	0.25
FEP-1.8/1.3-X	1.8	1.3	0.15
FEP-2.0/1.5-X	2.0	1.5	0.3
FEP-2.5/1.9-X	2.5	1.9	0.3
FEP-2.7/2.0-X	2.7	2.0	0.2
FEP-3.6/3.0-X	3.6	3.0	0.2
FEP-4.8/3.6-X	4.8	3.6	0.27
FEP-6.2/4.6-X	6.2	4.6	0.3
FEP-8.0/6.0-X	8.0	6.0	0.3
FEP-9.5/7.0-X	9.5	7.0	0.5
FEP-12/9.0-X	12	9.0	0.5
FEP-13.5/10-X	13.5	10	0.5
FEP-15/11-X	15	11	0.5
FEP-17/13-X	17	13	0.5
FEP-21/16-X	21	16	0.5
FEP-25/19-X	25	19	0.5
FEP-31/23-X	31	23	0.5
FEP-36/27-X	36	27	0.5
FEP-43/32-X	43	32	0.5
FEP-54/40-X	54	40	0.5
FEP-62/46-X	62	46	0.5
FEP-76/56-X	76	56	0.5
FEP-81/65-X	81	65	0.5
FEP-96/80-X	96	80	0.5
FEP-115/95-X	115	95	0.5
FEP-150/113-X	150	113	0.7

FEP Thin Wall

Hilltop Part No.	Supplied ID mm	Shrunk ID mm	Wall mm
FEPL-2.7/2.0-X	2.7	2.0	0.2
FEPL-5.1/3.8-X	5.1	3.8	0.25
FEPL-7.4/5.5-X	7.4	5.5	0.25
FEPL-10.2/7.5-X	10.2	7.5	0.25
FEPL-12.8/9.5-X	12.8	9.5	0.25
FEPL-18/13-X	18	13	0.25
FEPL-22/16-X	22	16	0.25
FEPL-27/19-X	27	19	0.25
FEPL-31/23-X	31	23	0.25
FEPL-36/27-X	36	27	0.25
FEPL-44/32-X	44	32	0.25
FEPL-53/39-X	53	39	0.25
FEPL-62/46-X	62	46	0.25

FEP Heavy Wall

Hilltop Part No.	Supplied ID mm	Shrunk ID mm	Wall mm
FEPH-31/23-X	31	23	1.5
FEPH-50/37-X	50	37	1.5
FEPH-66/49-X	66	49	1.5
FEPH-82/61-X	82	61	1.5
FEPH-100/74-X	100	74	1.5
FEPH-132/96-X	132	96	1.5