

# FT90

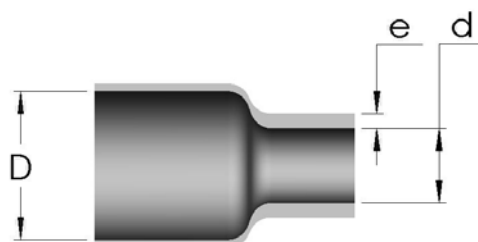
## TECHNICAL DATA SHEET

**FT 90** is semi-rigid thin-walled heat-shrinkable PVC tubing that offers very good resistance to chemicals. Its semi-rigidity after shrinking is due to the very low quantity of plasticizer the heat shrunk tubing contains.

**Working temperature** -20°C up to +85°C

**Standard colours** Black, clear.

**Non-standard colours** Upon request.



## DIMENSION DATA

Reference	Inside diameter (mm)		Wall-thickness after recovery (nom) (mm) (e)
	As supplied mini. (D)	After recovery maxi. (d)	
FT90 10	6,3	3,8	10,0
FT90 15	9,5	5,6	15,0
FT90 20	12,7	7,5	20,0
FT90 25	15,9	9,5	25,0
FT90 30	19,0	11,5	30,0
FT90 35	22,0	13,5	35,0
FT90 40	25,4	15,0	40,0
FT90 50	31,0	19,0	50,0
FT90 60	38,0	23,0	60,0
FT90 80	51,0	31,0	80,0
FT90 110	70,0	42,0	110,0
FT90 125	79,0	47,0	125,0

Standard wall thickness :

0,07 mm - 0,10 mm - 0,15 mm - 0,20 mm - 0,30 mm

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## TECHNICAL CHARACTERISTICS :

	Standard Requirements	Test Methods
<b>PHYSICAL</b>		
Working temperature	-20°C up to +85°C	
Shrink temperature	+80°C	
Shrink ratio	-50% (±5%)	
Longitudinal change	+10% (±5%)	
Tear strength	75 kg/cm	JIS K-6781
Tensile strength	400 kg/cm <sup>2</sup>	JIS K-6781
<b>ELECTRICAL</b>		
Dielectric strength	Thickness	Rigidity
	0,07mm	5kV/+ JIS C-8430
	0,10mm	6kV/+ JIS C-8430
	0,15mm	12kV/+JIS C-8430
	0,20mm	12kV/+JIS C-8430
	0,30mm	15kV/+JIS C-8430
Volume resistance	1x10 <sup>14</sup> Ω cm mini.	JIS C-8430
<b>CHEMICAL</b>		
Water absorption	Less than 0,7%	ASTM D 570
Thermal resistance (1000h at +100°C)	Good	
<b>CUTTING / MARKING</b>		
Upon request.		
<b>PACKAGING</b>		
On spool.		
<b>To be pointed out:</b>		
The <b>FT90</b> reference is unstable when kept in stock.		
Recommended storage conditions: <b>Less than +25°C.?</b>		

*We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. Gremco shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.*