

TF29-180

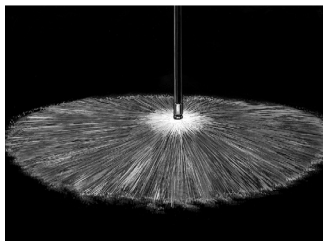
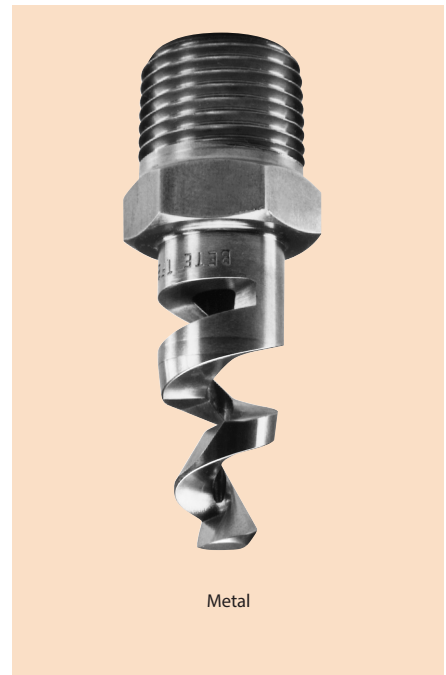
FireBeter: Ultra-Wide Full Cone Coverage

DESIGN FEATURES

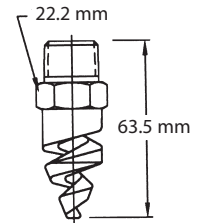
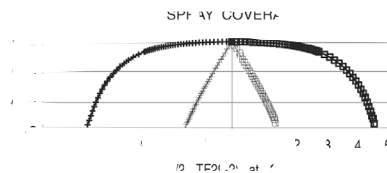
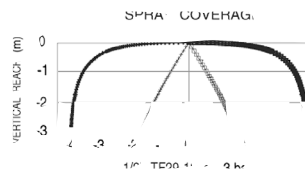
- Two-turn spiral
- Ultra-wide spray coverage very close to the nozzle
- One-piece design/no internal parts
- Excellent choice for deluge applications where there is little distance between nozzle and material being protected

SPRAY CHARACTERISTICS

- Wide spray coverage
 - Fine atomization
- Spray patterns: circular sheet with maximum coverage and excellent atomization
- Spray angle: 180° extra-wide angle
- Flow rates: 12.3 to 355 l/min



Full Cone 180°



Dimensions are approximate. Check with BETE for critical dimension applications.

TF29-180 Flow Rates and Dimensions

Full Cone, 180° Extra Wide Spray Angle, 1/2" Pipe Size, BSP or NPT

Male Pipe Size	Nozzle Number	K Factor	LITERS PER MINUTE @ BAR								Approx. Free Pass. & Orifice Dia. (mm)
			0.5 bar	0.7 bar	1 bar	2 bar	3 bar	5 bar	10 bar	20 bar	
1/2	TF29-180-16 17.3	12.3	14.5	17.3	24.5	30.0	38.8	54.8	77.5	5.16	
	TF29-180-18 27.4	19.4	22.9	27.4	38.7	47.4	61.2	86.5	122	6.35	
	TF29-180-21 33.1	23.4	27.7	33.1	46.8	57.3	73.9	105	148	7.14	
	TF29-180-24 43.3	30.6	36.3	43.3	61.3	75.1	96.9	137	194	8.33	
	TF29-180-28 56.3	39.8	47.1	56.3	79.7	97.6	126	178	252	9.53	
	TF29-180-32 79.4	56.1	66.4	79.4	112	137	177	251	355	11.1	

$$\text{Flow Rate (l/min)} = K\sqrt{\text{bar}}$$

Standard Materials: Brass and 316 Stainless Steel.

Spray angle performance varies with pressure. Contact BETE for specific data on critical applications.

SPECIAL PURPOSE

CALL 01273 400092
Call for expert advice on all special purpose nozzles