

# WATER SCREEN SPRAY NOZZLE

## Model : WILTEX 360 FLAT

**WILSON  
SPRAY  
NOZZLE**  
www.wilsonspraynozzle.sg

### TECHNICAL DATA :

MODEL	<b>WILTEX 360 FLAT</b>
MAXIMUM WORKING PRESSURE	12.3 Kg./Sq.Cm. (12.3 bar or 175 psi)
FLOW RATE @	83 liter per minute @ 7 bar or 100 psi
END CONNECTION	3/4 inch (Male) NPT or BSP
ORIFICE SIZE	7.0 mm (0.275 inch)
SPRAY ANGLE	360° Fan
K-FACTOR	K35 METRIC / 2.45 US
WEIGHT	0.35 Kg. (approximately)
MATERIAL	Brass or 316 stainless Steel



**WILTEX 360 FLAT**

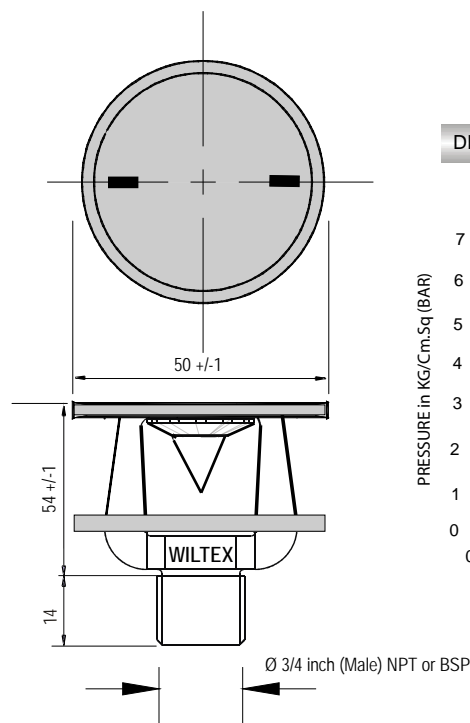
### APPLICATION

WILTEX 360 FLAT spray nozzle has an external deflector, which discharges water in a flat circular shaped pattern of small droplet size. The water is uniformly distributed over the surface to be protected.

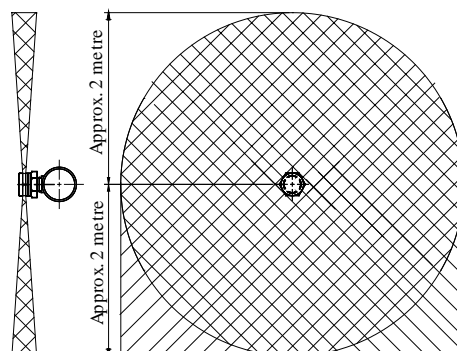
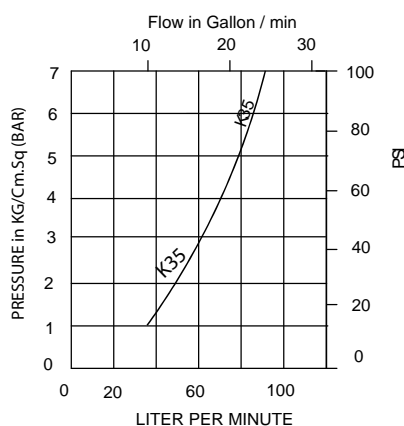
The nozzle is used in water screening application

The minimum desirable pressure to achieve a reasonable spray pattern is 1.4 Kg./Sq.cm. The water distribution

pattern as shown in the graph in following pages is at an average pressure of 5.0 Kg./Sq.cm. The change in pressure between 1.4 to 3.5 Kg./sq.cm. does not affect considerable change in spray angle. The spray pattern shown is with indoor application. System designer must consider wind velocity while designing the system for outdoor application. Field obstruction if any affecting the spray pattern of the nozzle must also be considered. The nozzle may be oriented to any position as deemed necessary to cover the hazard.



### DISCHARGE CHARACTERISTICS



Note : Dimension and design may change with actual product.