

Dual-purpose Type Nozzle



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A、 **Standard**

SOLAS 1974, as amended

B、 **Technical parameter**

Nominal Diameter: 40mm、 50mm、 65mm

Material: Rubber

Working pressure range: 2-16Bar

Suitable medium: Water

C、 **Approved: CCS EC MED SOLAS**

D、 **Introduction**

When in use the discharge end of the hose will be fitted with a nozzle so that the operator may control the manner in which water is projected at a fire. Standard nozzle sizes are 12 mm, 16 mm and 19 mm.

Spray nozzles must be capable of producing a plain jet without spread and have a throw of at least 12 m. The spray must produce a reasonably fine spray which can form a curtain, from behind which it is possible to approach a fire. The spray pattern would have a diameter of, say, 5 m at a distance of 2 m from the nozzle.

E、 **Diffuser nozzle**

A standard type of nozzle which by a twist-grip operation is able to shut off the hose discharge or deliver it as a jet or spray according to the operator's desire. Some diffuser nozzles also have a water curtain capability.



F. Discharge rates

When large volumes of water are used for fire fighting consideration must be given to the stability of the vessel.

Pressure Drop Bar	Discharge Rate at m3/hour= approx, tonnes/hour		
	12mm	16mm	19mm
2.1	9	14	20.5
2.5	10	15	22.5
2.7	10.5	16	23.5
3.1	11	17	25



Type Dual-Purpose Nozzle



NAKAJIMA Type Dual-Purpose Nozzle



MACHINO Type Dual-Purpose Nozzle



STORZ Type Dual-Purpose Nozzle



ANSI Type Dual-Purpose Nozzle



JOHN MORRIS Type Dual-Purpose Nozzle

Jiangsu Dingxiang Marine Equipment Co.,LTD.
Professional fire fighting & life saving equipment manufacturer