

# ANTISTATICA



*Mandals Antistatica is an antistatic electrically-conductive flexible hose with excellent abrasion resistance.*

*It is resistant to UV, ozone, oil, fuels and commonly used chemicals.*

*Antistatica exceeds the conductivity spec. set by MIL-PRF-370 standard, stating an electric resistance of maximum 4,9 Ohm/m.*

*The "dual" strapped exhibits less than 0,02 Ohm/m at operating pressure.*

## FEATURES

This Antistatic hose has an excellent abrasion resistance and a very high tensile strength. It is resistant to UV, ozone, fuels as well as weathering / hydrolysis and commonly used chemicals.

It has a positive buoyancy when operated in sea water or fresh water. The hose meets the requirements set out in MIL-PRF-370. The hose is manufactured in compliance with ISO 9001 quality management system.

Operating temperature from -50°C to + 60 °C ( -58°F to +140°F), depending on fuel.

## DESIGN

Antistatica is a heavy duty thermoplastic polyurethane hose designed for transferring oil, fuels, chemicals, other liquid hydrocarbons or to be used as a general purpose antistatic hose.

The lay flat hose is designed using the state of the art "extrusion through the weave" technology, ensuring a very good bonding between cover, lining and the textile weave.

The antistatic property is ensured by dual longitudinal copper wire straps attached to the hose body and which are connected to the end coupling.

## ADVANTAGES

Easily adapts to rough and narrow terrain.

Long service life.

Less storage space needed - Stored on reels or flaked in containers.

Easy to access the copper wires for safe installation.

Flexibility persistence at very low temperatures.

Long lengths up to 200m.

**Note:** Some diameters can be produced for more than 200 meters. Only on request.



## TECHNICAL DATA

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INTERNAL DIAMETER		WALL THICKNESS		WEIGHT		BURST PRESSURE		TENSILE STRENGTH	
Inch	mm	Inch	mm	Lbs / ft	Kg / m	Psi	Bar	X1000 lbs	Tons
2	51	0.13	3.3	0.50	0.74	900	62	10.1	4.6
3	76	0.13	3.3	0.70	1.05	900	62	17.6	8.0
4	102	0.15	3.8	1.10	1.64	900	62	30.8	14.0
5	127	0.17	4.4	1.40	2.10	840	58	44.1	20.0
6	152	0.17	4.4	1.74	2.60	840	58	50.7	23.0

**Note:** Safety factor BP/WP is 4:1. (ISO7751).