Rubber hoses with a polyamide inner layer – for paints and solvents



NR SPRAY C

Hose for paints and solvents

Inner layer: black polyamide (PA), silicone-free
Reinforcement: textile braid: single for 1/4" and 3/8", double from 1/2")
Cover: black synthetic rubber
Working temperature: from -20°C to +90°C



Rubber delivery hose with an inner layer made of chemically resistant polyamide (nylon). Very smooth inner surface reduces flow losses and ensures easy cleaning. Smooth outer layer of synthetic rubber, resistant to contact with chemicals and oil (ARPM Class B). Hose for many industrial applications, such as paint transfer and agricultural spraying. The good resistance of polyamide allows the hose to be used for paints, varnishes, solvents, adhesives and resins, oils, petrochemicals and other chemicals. The hose's antistatic properties are not declared.

Chemical resistance check: PA chemical resistance table (preliminary selection), confirmation of resistance and application conditions by Tubes International (particularly for temperatures above 50°C).

Assembly: Use hose ends with a hose tail matched to the hose diameter, without sharp or high barbs that could cut or damage the inner polyamide layer after crimping. Assembly with clamps, bolt clamps or ferrules.

index	diameter inner [inch]	diameter inner [mm]	diameter outer [mm]	wall wall [mm]	pressure working [bar]	pressure burst [bar]	bending radius [mm]	weight [kg/m]	length length [m]
GY-NRSPRAY-C-06	1/4”	6,4	12,4	3,0	52	208	48	0,12	152,4
GY-NRSPRAY-C-10	3/8”	9,5	17,8	4,15	52	208	64	0,22	152,4
GY-NRSPRAY-C-13	1/2”	12,7	22,1	4,7	52	208	104	0,33	152,4
GY-NRSPRAY-C-19	3/4”	19,1	30,2	5,55	52	208	152	0,54	152,4
GY-NRSPRAY-C-25	1”	25,4	38,4	6,5	52	208	200	0,80	152,4



PAINT SPRAY PA-M

Paint and solvent hose with antistatic wire

Inner layer: black polyamide (PA)
Reinforcement: textile braid
Cover: grey NBR rubber
Working temperature: from -25°C to +80°C

High-quality German-made delivery hose with an inner layer of chemically resistant polyamide (nylon). A very smooth inner surface reduces flow losses and ensures easy cleaning. Outer layer of NBR rubber, resistant to ozone, weather and UV radiation. Hose intended for adhesives, varnish, oil, paints, polar and aromatic solvents. The hose has two copper antistatic wires built into the braid, ensuring (with an effective connection to metal ends) line conductivity (R< 10^2 Ω, type M per ISO 8031). Compliant with TRBS 2153 requirements. The hose should be earthed.

Chemical resistance check: PA chemical resistance table (preliminary selection), confirmation of resistance and application conditions by Tubes International (particularly for temperatures above 50°C).

Assembly: Use hose ends with a hose tail of a diameter suited to the hose, without sharp or high barbs that could cut or damage the inner polyamide layer after crimping. Connect the antistatic wire to the ends. Assembly with ferrules is recommended. Check electrical conductivity after assembly. The hose (installation) should be earthed.

index	diameter inner [mm]	diameter outer [mm]	wall wall [mm]	pressure working [bar]	pressure burst [bar]	bending radius [mm]	weight [kg/m]
GY-PAINTSPRAY-M-06	6	11	2,5	25	100	60	0,086