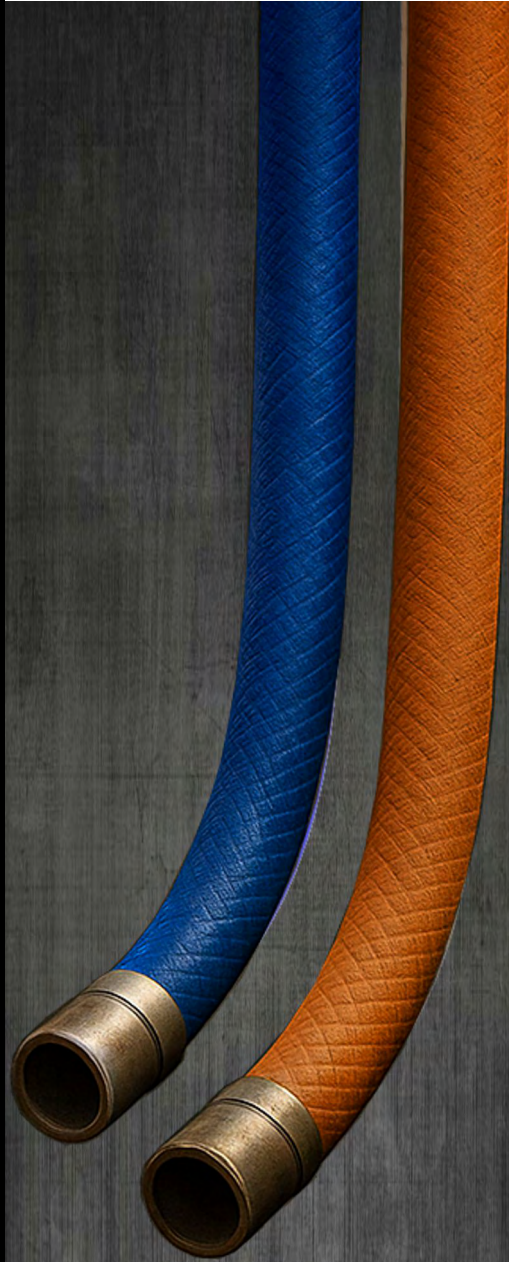


SEWERO™ TECHNOLOGY



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High-Pressure Water Jetting Hose
Pipe and Sewer Cleaning

HIGH-PRESSURE WATER JETTING HOSE / PIPE AND SEWER CLEANING

High-pressure water jetting hoses are designed to withstand extreme pressures and are used in industrial cleaning applications, pipe unclogging, and residue removal through high-pressure water jets. These hoses are essential for operations that require high efficiency, safety, and durability, delivering excellent performance in several sectors such as petrochemical, construction, sanitation, marine, and mining industries.

Technical Characteristics

High pressure resistance

High-pressure water jetting hoses feature high-strength steel braid reinforcement, ensuring safety and durability under severe operating conditions and supporting extremely high working pressures.

Abrasion-resistant and chemical-resistant cover

The outer cover, typically manufactured from polyurethane, offers excellent resistance to abrasion, chemicals, and friction-related wear, ensuring long service life even in harsh environments.

Resistance to moisture and extreme conditions

The cover material is waterproof and resistant to humid, saline environments and extreme temperature variations, allowing continuous use in outdoor operations and coastal areas where corrosion is a critical concern.

Flexibility and easy handling

Even under high pressure, the hose maintains flexibility, facilitating handling in confined spaces and optimizing operational efficiency.

Applications

Industrial surface cleaning

Used for removal of scale, paint, rust, and other residues from metal and concrete surfaces.

Pipe and sewer cleaning

Ideal for unclogging and cleaning sewer systems, industrial pipelines, and other piping networks.

Equipment maintenance

Applied in the cleaning and maintenance of heavy industrial equipment, removing dirt, oils, and contaminants that may impair performance.

Advantages

Safety and reliability

Hoses designed for high-pressure resistance, ensuring safe operation in demanding environments.

Extended service life

The abrasion-resistant cover and reinforced core ensure extended durability, reducing maintenance and replacement costs.

Application versatility

Suitable for multiple cleaning, cutting, and maintenance operations in industries that require robust and efficient solutions.



Coding example:

JC537009 x 1.000mm (JC537009 hose with a length of 1,000 mm)

If another type of hose or fitting not listed in this catalog is required, please contact our technical department.



Type	Size	Dash	DN	Inside Diameter I.D	Outside Diameter O.D	Working Pressure (bar / PSI)	Bend Radius	Weight g/m
JCL17000	1/8"	-2	3	3,5 mm	7,5 mm	345 / 5000	25 mm	41
JCL27000	3/16"	-3	5	4,8 mm	10,5 mm	345 / 5000	30 mm	69
JCL37000	1/4"	-4	6	6,4 mm	12,2 mm	345 / 5000	50 mm	87
JCL57000	3/8"	-6	10	9,7 mm	16,8 mm	345 / 5000	75 mm	156

Technical Characteristics

Inner tube manufactured from thermoplastic polymer, reinforced with high-elasticity fiber braiding, and covered with polyurethane with high abrasion resistance, UV stabilized, and resistant to hydrolysis, suitable for outdoor applications in environments with high humidity.

Applications

High-pressure cleaning and flushing of industrial systems and domestic sewer networks.

Temperature Range / Service

From -40°C to +70°C (From -40°F to +158°F).

Working Pressure

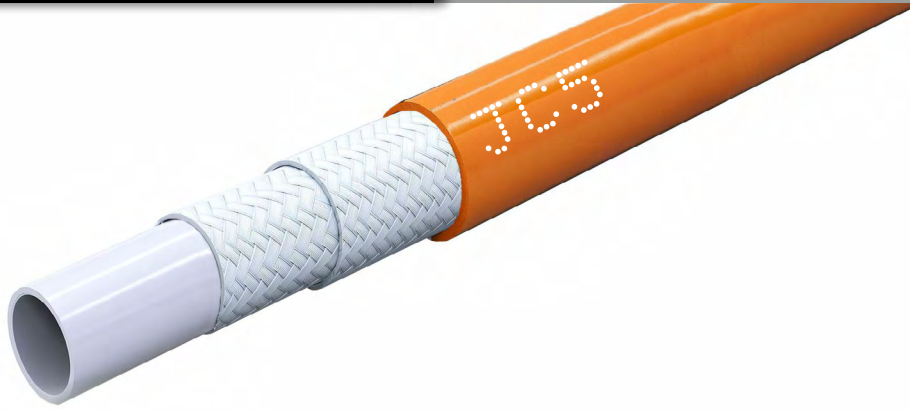
Safety factor 1:2.5

Dimensional Tolerance

-0% a +3%

Coil Length

Available upon request up to 350 meters



Type	Size	Dash	DN	Inside Diameter I.D	Outside Diameter O.D	Working Pressure (bar / PSI)	Bend Radius	Weight g/m
JC537009	1/4"	-4	6	6,4 mm	12,7 mm	175 / 2540	60 mm	83
JC557009	3/8"	-6	10	9,7 mm	16,0 mm	175 / 2540	90 mm	132
JC567009	1/2"	-8	12	13,0 mm	21,0 mm	175 / 2540	95 mm	210
JC587009	3/4"	-12	19	19,2 mm	29,5 mm	175 / 2540	120 mm	380
JC597009	1"	-16	25	25,6 mm	37,0 mm	175 / 2540	150 mm	555
JC597009	1"1/4	-20	32	32,0 mm	45,7mm	175 / 2540	235 mm	790

Technical Characteristics

Inner tube manufactured from thermoplastic compound, reinforced with double polyester fiber braid, and polyurethane cover with high abrasion resistance, hydrolysis resistant, and stabilized for outdoor applications in high-humidity and saline environments.

Applications

Outdoor applications in environments with high humidity and saline exposure.

Temperature Range / Service

From -40°C to +55°C (From -40eF to 131°F).

Working Pressure

Safety factor 1:2.5

Coil Length

Available upon request up to 350 meters



Type	Size	Dash	DN	Inside Diameter I.D	Outside Diameter O.D	Working Pressure (bar / PSI)	Bend Radius	Weight g/m
JC767101	1/2"	-8	12	13,0 mm	22,4 mm	275 / 4000	75 mm	277
JC777101	5/8"	-10	16	16,0 mm	26,5 mm	220 / 3200	100 mm	372
JC787101	3/4"	-12	19	19,2 mm	29,8 mm	207 / 3000	120 mm	431
JC797101	1"	-16	25	25,6 mm	37,7 mm	207 / 3000	150 mm	580
JC7107101	1"1/4	-20	32	32,0 mm	46,0 mm	207 / 3000	235 mm	848
JC7107101	1"1/2	-24	38	38,2 mm	54,0 mm	207 / 3000	375 mm	1186

Technical Characteristics

Thermoplastic polymer inner tube, reinforced with double polyester fiber braid, and micro-perforated polyurethane outer cover with high abrasion resistance, UV stabilized and hydrolysis resistant for outdoor applications in high-humidity and saline environments.

Applications

JC7 hose series developed for high-pressure water washing applications.

Temperature Range / Service

From -40°C to +55°C (From -40°F to 131°F).

Working Pressure

Safety factor 1:2.5

Coil Length

Available upon request up to 350 meters



Type	Size	Dash	DN	Inside Diameter I.D	Outside Diameter O.D	Working Pressure (bar / PSI)	Bend Radius	Weight g/m
JC867105	1/2"	-8	12	13,0 mm	22,4 mm	345 / 5000	100 mm	292
JC887105	3/4"	-12	19	19,2 mm	29,8 mm	250 / 3625	120 mm	460
JC897105	1"	-16	25	25,6 mm	37,3 mm	250 / 3625	150 mm	643
JC8107105	1"1/4	-20	32	32,0 mm	46,0 mm	250 / 3625	235 mm	985

Technical Characteristics

Thermoplastic polymer inner tube, reinforced with double braid of high-tenacity textile fibers, and micro-perforated polyurethane outer cover with high abrasion resistance, UV stabilized and hydrolysis resistant, suitable for outdoor use in high-humidity and saline environments.

Applications

JC8 hose series developed for high-pressure water washing applications.

Temperature Range / Service

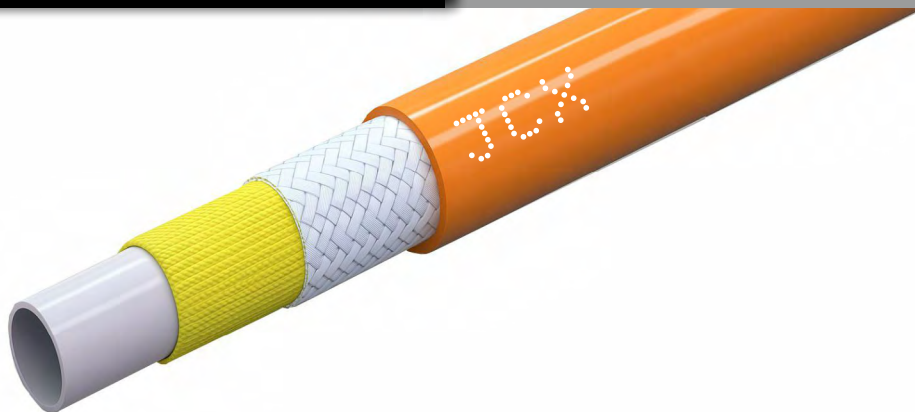
From -40°C to +55°C (From -40°F to 131°F).

Working Pressure

Safety factor 1:2.5

Coil Length

Available upon request up to 350 meters



Type	Size	Dash	DN	Inside Diameter I.D	Outside Diameter O.D	Working Pressure (bar / PSI)	Bend Radius	Weight g/m
JCX67001	1/2"	-8	13	13,0 mm	21,3 mm	207 / 3000	140 mm	-
JCX67001	5/8"	-10	16	16,0 mm	25,4 mm	207 / 3000	140 mm	-
JCX87001	3/4"	-12	19	19,2 mm	29,0 mm	207 / 3000	170 mm	-
JCX97001	1"	-16	25	25,6 mm	37,6 mm	207 / 3000	190 mm	663

Technical Characteristics

Thermoplastic compound inner tube, reinforced with high-tenacity textile fiber braid, and polyurethane outer cover with high abrasion resistance, UV stabilized and hydrolysis resistant for outdoor applications in high-humidity and saline environments.

Applications

Outdoor applications in environments with high humidity and saline exposure.

Temperature Range / Service

From -40°C to +55°C (From -40°F to 131°F).

Working Pressure

Safety factor 1:2.5

Coil Length

Available upon request up to 350 meters



Type	Size	Dash	DN	Inside Diameter I.D	Outside Diameter O.D	Working Pressure (bar / PSI)	Bend Radius	Weight g/m
MT127000E	3/16"	5	5	4,8 mm	10,0 mm	560 / 8122	30 mm	126
MT137000E	1/4"	6	6	6,4 mm	11,9 mm	480 / 6962	40 mm	166
MT147000E	5/16"	8	8	8,0 mm	14,0 mm	384 / 5569	50 mm	205
MT157000E	3/8"	10	10	9,7 mm	16,0 mm	360 / 5221	60 mm	246
MT167000E	1/2"	12	12	13,0 mm	19,2mm	304 / 4409	75 mm	314

Technical Characteristics

Polyethylene inner tube, reinforced with high-strength steel braid, and polyurethane outer cover with high abrasion resistance, resistant to hydrolysis and microorganisms, suitable for outdoor applications in high-humidity and saline environments.

Applications

Ideal for high-pressure washers.

Temperature Range / Service

From -20°C to +60°C (From -4°F to +140°F).

Working Pressure

Safety factor 1:2.5

Coil Length

Available upon request up to 350 meters



Type	Size	Dash	DN	Inside Diameter I.D	Outside Diameter O.D	Working Pressure (bar / PSI)	Bend Radius	Weight g/m
JP17003	1/8"	-2	3,5	3,5 mm	11,2 mm	1120 / 16240	25 mm	180
JP27003	3/16"	-3	4,8	4,8 mm	11,3 mm	800 / 11600	30 mm	167
JP37003	1/4"	-4	6,4	6,4 mm	14,5 mm	1120 / 16240	40 mm	253
JP37003HP	1/4"	-4	6,4	6,4 mm	14,5 mm	1280 / 18560	40 mm	260
JP47003	5/16"	-5	8,0	8,0 mm	16,0 mm	1000 / 14500	50 mm	292
JP57003	3/8"	-6	9,5	9,5 mm	18,8 mm	1120 / 16240	90 mm	389
JP67003#	1/2"	-8	13,0	13,0 mm	25,2 mm	1000 / 14500	150 mm	516

Technical Characteristics

Thermoplastic polymer inner tube, reinforced with aramid fiber braid and high-strength steel braid, and polyurethane outer cover with high abrasion resistance for outdoor applications in high-humidity and saline environments.

Applications

JET POWER hose series developed for high-pressure water washing and water jet cutting applications.

Temperature Range / Service

From -40°C to +55°C (From -40°F to +131°F).

Working Pressure


Safety factor 1:2.5 / # Safety factor 1:2.40

Coil Length

Available upon request up to 350 meters




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