



GITA MARKETING CO.

PRODUCT CATALOGUE 2026

INDUSTRIAL HOSE CATALOGUE

PVC · PTFE · Hydraulic · Steel Wire · Specialty

Gita Marketing Co.

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Industrial Hose Programme

Authorised Polyhose India Distributor

GMC's industrial hose programme covers the full spectrum of fluid conveyance requirements, from light-duty PVC garden and water hoses to ultra-high-pressure PTFE chemical hoses and heavy-duty hydraulic rubber assemblies. All products are sourced exclusively from Polyhose India Pvt Ltd, one of India's largest and most technically advanced hose manufacturers.

Polyhose India manufactures to ISO, SAE, EN, and DIN standards and holds multiple international quality certifications. As authorised distributors, GMC maintains local stock of popular lines and can provide cut-to-length supply, assembly, pressure testing, and urgent delivery services.

Hose Selection Guide

Use the table below to identify the most suitable hose type for your application. Key selection criteria are: fluid type, operating pressure, temperature range, and whether suction/vacuum duty is required.

Application	Recommended Hose	Max Pressure	Temp Range
Water / mild chemicals low pressure	PVC Braided PH367	30 bar	-10 to +60°C
Suction & discharge of water/slurry	PVC Steel Wire PH367S	10 bar	-20 to +60°C
Chemical & pharmaceutical transfer	PTFE Hose PH179 R14	724 bar	-54 to +260°C
Hydraulic power (medium pressure)	Hydraulic R1AT PH253	248 bar	-40 to +100°C
Hydraulic power (high pressure)	Hydraulic R2AT PH254	414 bar	-40 to +100°C
Compressed air & pneumatic tools	PVC Braided / PU Coiled	20 bar	-10 to +60°C
Food/beverage fluid transfer	PTFE or food-grade PVC	Varies	Varies
Steam service	PTFE PH179 or rubber steam	225 bar	up to +260°C

PVC Braided Hose — Polyhose PH367 - Size & Pressure Data

Nominal Size	ID (mm)	OD (mm)	WP (bar)	Burst (bar)	Min Bend R (mm)
¼"	6.5	11.5	30	120	35
5/16"	8.0	13.5	25	100	45
3/8"	9.5	15.5	25	100	55
½"	12.5	19.0	20	80	65
5/8"	16.0	23.0	18	72	75
¾"	19.0	27.0	18	72	85
1"	25.4	33.5	15	60	90

Temperature: -10°C to +60°C · Vacuum: Not rated · Standard: BS EN ISO 6224 / BS EN ISO 5774

PVC Steel Wire Hose — Polyhose PH367S - Size & Pressure Data





Nominal Size	ID (mm)	OD (mm)	WP (bar)	Vacuum (mbar)	Min Bend R (mm)
½"	12.0	22.0	10	850	80
¾"	19.0	29.0	8	850	110
1"	25.0	37.0	7	850	130
1¼"	32.0	45.0	6	850	160
1½"	38.0	52.0	5	850	200
2"	51.0	66.0	4	850	250

Temperature: -20°C to +60°C · Standard: BS EN ISO 6224 / EN ISO 5773

PTFE Hose — Polyhose PH179 R14 · Size & Pressure Data

Nominal Size	ID (mm)	OD (mm)	WP (bar)	Burst (bar)	Min Bend R (mm)
1/8"	3.2	8.1	724	2,896	25
3/16"	4.8	9.6	724	2,896	30
1/4"	6.4	11.4	690	2,760	38
5/16"	7.9	13.0	621	2,484	44
3/8"	9.5	14.3	552	2,208	51
1/2"	12.7	17.8	483	1,932	64
3/4"	19.1	25.4	345	1,380	89
1"	25.4	32.8	276	1,104	115

Temperature: -54°C to +260°C continuous · Standard: SAE J517 100R14 Type A · Safety factor 4:1 minimum.

Note: Bend radius for 1" size is 130 mm if larger ID-OD differential is required · refer to TDS.

Hydraulic Hose — R1AT & R2AT · Size & Pressure Data

R1AT — Single Wire Braid · EN 853 1SN · SAE 100R1AT

Size	ID (mm)	R1AT WP (bar)	R2AT WP (bar)	Burst R1/R2 (PSI)	Min Bend R (mm)	Temp Range
3/16"	4.8	248	414	14,400 / 24,000	90	-40 to +100°C
1/4"	6.4	225	400	13,000 / 23,200	100	-40 to +100°C
5/16"	7.9	207	345	12,000 / 20,300	115	-40 to +100°C
3/8"	9.5	190	330	11,000 / 19,140	130	-40 to +100°C
1/2"	12.7	155	275	9,000 / 15,950	180	-40 to +100°C
5/8"	15.9	129	250	7,500 / 14,500	200	-40 to +100°C
3/4"	19.1	103	215	6,000 / 12,470	240	-40 to +100°C
1"	25.4	86	165	5,000 / 9,570	300	-40 to +100°C
1-1/4"	31.8	69	·	4,000 / ·	420	-40 to +100°C

Standards: SAE J517 · EN 853 1SN/2SN · ISO 1436 · Tube: NBR · Cover: synthetic rubber · Safety factor 4:1.

Temperature: -40°C to +100°C continuous, up to +120°C intermittent. Sizes above 1-1/4" supplied on request.



Larger Hose Sizes & Specials

Sizes larger than those listed on the previous page (R1AT > 1-1/4", R2AT > 1", PTFE > 1") are available on request. Pressure ratings and bend radii decrease with bore size · contact GMC with the application details (fluid, peak pressure, ambient temperature, route geometry) and we will issue a sized datasheet with the certified working pressure, burst pressure, and minimum bend radius for the selected hose.

All Polyhose hoses are SAE J517 / EN 853 / ISO 1436 marked at intervals along the cover. Each delivered assembly carries a tag with hose batch, fitting batch, test pressure, test date, and inspector reference, retained by GMC for five years per ISO 9001 traceability requirements.

Hose Assembly Services

GMC assembles hydraulic and industrial hose assemblies to customer-specified lengths and end configurations. All assemblies are crimped using calibrated crimp tooling, pressure-tested, and supplied with documentation.

End Fitting Types	BSP (BSPP · BSPT) · NPT · JIC · SAE · DIN · Metric — male and female
Crimping	Hydraulic crimping to Polyhose-specified crimp diameters · calibrated tooling
Pressure Testing	Each assembly tested to 1.5x working pressure · certificate issued
Assembly Tagging	Customer ref · rated WP · test pressure · date · inspector sign-off
Traceability	Hose batch number, fitting lot, and crimp data retained 5 years
Specials	Reusable fittings · swivel ends · 90°/45° elbows · banjo fittings on request
Lead Time	Standard 2–5 working days · urgent same-day on request