

INDUSTRIAL & SPECIALIST HOSE

PTFE-lined chemical composite hose

Hose selection for the conveyed medium, pressure, temperature and installation requirements.

Application: Application-led selection for the specified operating conditions.

Ordering references: H8270040 / H8270050 / H8270065 / H8270080 / H8270100 / H8270150

PTFE-lined chemical composite - H8270 series

Part code	Configuration	Nominal bore mm	Size inch	Id mm	Od mm	Working pressure bar	Vacuum magnitude kpa	Mass kg m (kg/m)
H8270040	PTFE-lined chemical composite - H8270 series	40	1½	38.1	52	10.0	60	2.96
H8270050	PTFE-lined chemical composite - H8270 series	50	2	50.8	64	10.0	60	3.68
H8270065	PTFE-lined chemical composite - H8270 series	65	2½	63.5	77	10.0	60	4.46
H8270080	PTFE-lined chemical composite - H8270 series	80	3	76.2	90	10.0	60	5.24
H8270100	PTFE-lined chemical composite - H8270 series	100	4	101.6	117	10.0	60	8.12
H8270150	PTFE-lined chemical composite - H8270 series	150	6	152.4	177	10.0	60	17.24

PTFE-lined chemical composite - H8270 series Dimensions and ratings apply to the named construction or exact code shown. Select pressure, temperature, medium and end fittings together for the finished assembly. Use the correct inner liner and wire construction for the medium. Temperature range:-10°C to 60°C for the coded configurations shown. Assembled length and end fittings are selected together; the standard assembled length is 10 m.

PTFE-lined chemical composite - H8270 series - construction & conditions

Parameter	Specification
Tube	Double virginPTFE film plus polypropylene film
Reinforcement	Woven polypropylene fabric with 316stainless wire inner helix and galvanized outer helix

PTFE-lined chemical composite - H8270 series - construction & conditions

Parameter	Specification
Cover	Antistatic reinforced PVC
Temperature range c	-10 / 60
Standard assembled length m	10
Assembly requirement	Supplied fitted; ends crimped. Chemical/pressure duty and electrical continuity require assembly selection.

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Application & quotation checklist

Medium and concentration; Inside diameter and length; Pressure or vacuum and temperature; End connections and electrical requirements

Request a quotation

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Provide the part code, size, quantity, required configuration and application. Include a drawing or photograph where available.

Ratings apply only to the specified product and configuration. Confirm fluid compatibility, temperature, pressure transients, installation and complete assembly suitability. Ordering references do not establish interchangeability.