

049 HP Aggressive chemicals

Thermoplastic conductive hose for heavy duty high pressure aggressive chemicals applications
From 450 to 550 bar (6500 to 8000 psi)



FEATURES

Inner Tube

Polyamide PA12

Reinforcement

One or two braids of aramid fiber plus one braid of steel wire

Cover

Polyurethane, black, non pinpricked, white ink-jet branding

Applications

- High pressure aggressive chemicals systems requiring very high mechanical strength of hose and/or electrical conductivity

- Applications requiring high chemical resistance to solvents and aggressive fluids such as two parts polyurethane injection foams

Features

- Polyamide 12 tube construction
- Combined reinforcement for high pressure requirements and increased mechanical properties increasing lifetime of the hose under very harsh working conditions
- Conductive

Description

High pressure hose with black cover. Due to particularly low humidity absorption of the tube this hose is particularly intended for two parts PU foams injection systems (isocyanate and polyols) and very aggressive chemicals applications with increased resistance to abrasion, mechanical strength and providing electrical conductivity. Check compatibility list for overview of resistance to chemical substances.

Temperature Range

-40°C to +100°C
(-40°F to +212°F)
Limited to +70°C (+158°F)
for air and water based fluids

APPLICATIONS



PACKAGING



Part No.	Hose size			ID		OD		WP		BP		Safety factor	Bend radius		Weight		Ferrule part no.	
	dash	inch	DN	mm	inch	mm	inch	bar	psi	bar	psi		mm	inch	g/m	lbs/ft	carbon	stainless
0494	-6	3/8"	10	9,70	0,382	17,20	0,677	550	8000	2200	32000	4:1	60	2,36	280	0,188	SAF141	SAF841
0495	-8	1/2"	12	13,00	0,512	21,70	0,854	450	6500	1800	26000	4:1	80	3,15	390	0,262	SAF151	SAF851

INDUSTRIAL
AUTOMATION

GAS

FUEL

CHEMICALS

HYDRO
CHEMICALS

PAINT SPRAY
& SOLVENTS

AGGRESSIVE
CHEMICALS

PTFE

WATER