048 VHP Aggressive chemicals

Thermoplastic conductive hose for very high pressure aggressive chemicals applications
From 310 to 700 bar (4500 to 10000 psi)

FEATURES

Inner Tube
Polyamide PA12

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

Cover
Polyurethane up to 1/2", Special Polyester for 5/8" and upwards. Black, non pinpricked, white ink-jet branding

Applications
- Very 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
0482	-4	1/4"	6	6,60	0,260	12,70	0,500	700	10000	2800	40000	4:1	35	1,38	180	0,121	SAF121	SAF821
0483	-5	5/16"	8	8,10	0,319	16,00	0,630	700	10000	2800	40000	4:1	60	2,36	270	0,181	SAF131	SAF831
0484	-6	3/8"	10	9,80	0,386	18,70	0,736	700	10000	2800	40000	4:1	90	3,54	320	0,215	SAF141	SAF841
0485	-8	1/2"	12	13,00	0,512	23,20	0,913	590	8500	2360	34000	4:1	100	3,94	460	0,309	SAF151	SAF851
0486	-10	5/8"	16	16,30	0,642	26,60	1,047	500	7200	2000	28800	4:1	160	6,30	570	0,383	SAF161	SAF861
0487	-12	3/4"	20	19,50	0,768	30,50	1,201	450	6500	1800	26000	4:1	180	7,09	650	0,437	SAF171	SAF871
0488	-16	1"	25	25,80	1,016	38,20	1,504	310	4500	1240	18000	4:1	250	9,84	950	0,638	SAF181	SAF881