

154 CPLT 5000 Constant pressure low temp

Thermoplastic constant pressure hose with low temperature specifications (-55° C/-67°F) for hydraulic applications
Up to 350 bar (up to 5000 psi)



FEATURES

Inner tube

Polyester elastomer

Reinforcement

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

Cover

Special polyester, black, non pinpricked, white ink-jet branding

Applications

General hydraulic applications requiring high mechanical protection properties of hose and braid in cold environments combined with high pressure

- Construction equipment
- Hoisting and handling equipments
- Machine tools

Features

- Rugged construction for heavy duty application and prolonged lifetime
- Steel braid offers low volumetric expansion and optimum change in length characteristics
- Abrasion resistant

Description

High pressure hose suitable for petroleum, synthetic or water based hydraulic fluids in hydraulic systems. Suitable for general fluid power transmissions like earthmoving, forklift trucks, heavy duty construction machinery, hoisting and handling equipment, high pressure equipment. Steel braid design offers very high mechanical protection which prolongs lifetime of the hose in harsh conditions. Special cover also make it the ideal hose for equipment operating in cold environments while maintaining a high level of flexibility.

Temperature range

-55°C to +100°C
(-67°F to +212°F)
Limited to +70°C (+158°F) for air and water based fluids

Vacuum rating

-0,93 bar / -700 mm Hg
-13,5 psi / -27,5 inch Hg

Specifications

Exceeds SAE 100R18 / ISO3949-R18 pressure requirements

MEDIUM
PRESSURE

HIGH
PRESSURE

CONSTANT
PRESSURE

SAE 100R18
CPLT 3000

CPLT 3600

CPLT 5000

CPHR 5000

VERY HIGH
PRESSURE

SPECIALITIES

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	mm	inch	g/m	lbs/ft	carbon	stainless	
1541	-3	3/16"	5	5,00	0,197	9,70	0,382	350	5000	1400	20000	4:1	30	1,18	125	0,084	SAB111	SAB811
1542	-4	1/4"	6	6,40	0,252	12,80	0,504	350	5000	1400	20000	4:1	40	1,57	245	0,165	SAC121	SAC821
1544	-6	3/8"	10	9,70	0,382	16,90	0,665	350	5000	1400	20000	4:1	60	2,36	280	0,188	SAC141	SAC841
1545	-8	1/2"	12	13,00	0,512	21,30	0,839	350	5000	1400	20000	4:1	80	3,15	390	0,262	SA5151	SA5851