RYCO®

FLEXIBLE SPIRAL

Ultra Flexible Extra Abrasion



MILLION CYCLE
420 bar / 6100 psi

STRONGER CONNECTIONS.
SMARTER SOLUTIONS.

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C6000D

ULTRA FLEXIBLE
EXTRA ABRASION RESISTANT
FRAS
ISOBARIC SPIRAL HOSE
420 BAR / 6100 PSI
MILLION CYCLE



RECOMMENDED FOR:
Ultra flexiblility and small bend radius provides easy installation in compact environments.
Extremely high pressure hydraulic oil lines.
Constant pressure (Isobaric) 420 bar/6100 psi in all sizes.

PERFORMANCE:
Meets or Exceeds the Performance Requirements of:
ISO 18752-CC, SAE 100R15.

TUBE:
Black, oil resistant synthetic rubber.

REINFORCEMENT:
Four alternating layers of spiralled high tensile steel wire.

COVER:
DIEHARD™ Black, oil and extra abrasion resistant synthetic rubber. Flame Resistant, Anti-Static (FRAS) & MSHA compliant. Highly visible layline branding for easy and permanent identification. No skiving required with T7000 Series BITELOK Crimp Couplings.

FEATURES:
Ultra flexibility combined with a small bend radius reduces effort during assembly and installations. Tested to **1 million impulse cycles** at up to 1/2 SAE 100R15 Minimum Bend Radius. Constant pressure 420 bar/6100 psi in all sizes for easy system design and hose selection.

FLAME RESISTANCE AND ANTI-STATIC:
DIEHARD™ complies with Flame Resistant and Electrical Resistance (Anti-Static) requirements of Australian Standard AS 2660 and Methods of Test AS 1180.10B and 13A. Meets Flame Resistant Designation “U.S. MSHA” of the US Department of Labor, Mine Safety and Health Administration.

TEMPERATURE RANGE:
From -40°C to +121°C (-40°F to +250°F).

WORKING PRESSURE:
Maximum working pressures are based on 4:1 safety factor (maximum working pressure to minimum burst pressure).

COUPLINGS:
NON-SKIVE ONE-PIECE CRIMP
T7000 Series (sizes -08 to -16).

C6000D – DIEHARD ULTRA FLEXIBLE ISOBARIC SPIRAL HOSE			NOMINAL HOSE ID		NOMINAL HOSE OD		MAXIMUM WORKING PRESSURE		MINIMUM BURST PRESSURE		MINIMUM BEND RADIUS		AVERAGE WEIGHT		COUPLING SERIES ONE PIECE
PART NO	HOSE SIZE														
Hose	DN	Dash	mm	inch	mm	inch	bar	psi	bar	psi	mm	inch	kg/m	lb/ft	NON-SKIVE
C6012D	19	-12	19,1	3/4	28,5	1.12	420	6100	1680	24400	115	4.5	1,15	0.77	T7000
C6016D	25	-16	25,4	1	35,8	1.41	420	6100	1680	24400	165	6.5	1,75	1.17	T7000

Refer to the latest Ryco Digital Crimp Tools for crimping parameters.

Disclaimer: We reserve the right to modify our products and/or related services and/or discontinue the manufacture and/or supply of any of the products and/or related services, without notice. This document supersedes all previous versions and previously issued documentation. The only official source of technical crimping parameters regarding our products is our Digital Crimp Tools. Printed copies are uncontrolled therefore, please be sure to use the latest versions of our Manuli Crimp App or Crimp Web Tool. Do not mix and match: always use Manuli original hoses and fittings. For more information, see our ‘Safety Guide’ by scanning the QR code.

DON’T MIX & MATCH

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