

R12TC

Spiral Wire Hose SAE 100R12 *TOPCAT* | *XtremeDuty*



Black with a White Character Layline

Part No.	Nominal		I.D.		O.D.		Working Pressure		Burst Pressure		Bend Radius		Weight		Hose Fitting Series
	(in)	(DN)	(in)	(mm)	(in)	(mm)	(psi)	(bar)	(psi)	(bar)	(in)	(mm)	(lbs/ft)	(kg/m)	
R12TC-06	3/8	10	0.37	9.5	0.81	20.5	4,000	276	16,000	1103	2.50	64	0.48	0.71	K4 / 975 *
R12TC-08	1/2	12	0.50	12.7	0.94	23.8	4,000	276	16,000	1103	3.50	89	0.54	0.80	K4 / C4 / 975 *
R12TC-10	5/8	16	0.63	16.0	1.07	27.4	4,000	276	16,000	1103	4.00	102	0.61	0.91	K4 / 975 *
R12TC-12	3/4	19	0.75	19.1	1.22	30.9	4,000	276	16,000	1103	4.80	121	0.89	1.32	K4 / C4
R12TC-16	1"	25	1.00	25.4	1.50	38.2	4,000	276	16,000	1103	6.00	152	1.30	1.93	K4 / C4
R12TC-20	1-1/4	31	1.25	31.8	1.85	47.0	3,000	207	12,000	827	8.25	210	1.79	2.66	K4 / C4
R12TC-24	1-1/2	38	1.50	38.1	2.11	53.5	2,500	172	10,000	689	10.00	254	2.06	3.07	K4 / C4
R12TC-32	2"	51	2.00	50.8	2.63	66.8	2,538	175	10,000	689	12.50	318	2.78	4.14	K4 / C4

* 975 Series on Index Page A-13.

Applications/Features

Our 'R12TC' TOPCAT Hose is an *XtremeDuty* 1-Million Impulse Cycle 4-spiral wire **ARMOR Tough Cover** hose that meets and exceeds the performance requirements of SAE 100R12. This hose is designed for very high pressure service with petroleum based hydraulic fluids. It offers outstanding abrasion resistance and extreme flexibility that is half the bend radius of SAE 100R12. An MSHA flame resistant approved black cover with a white character layline.

Temperature

-40° to +250° F (-40° to +121° C)

Tube

Oil Resistant Black Synthetic Rubber

Notice

For Average Coil Lengths See Page C-150

Made in U.S.A

Hose Assemblies or Bulk

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Reinforcement

4-Wire High Tensile Steel Spirals

Separated by Layers of Synthetic Rubber

Cover

ARMOR Tough Cover, Extreme Oil and Weather Resistant

Synthetic Rubber

MSHA Flame Resistance Approval

Black with a White Character Layline

Reference

Parker: 721, 721TC



Extreme Caution

User is Solely Responsible for the Proper Selection and Matching of Hose and Fitting Components.

Please read the *User Responsibility Warning*, *Hose Installation Guide*, and reference the latest

Crimp Specs at pressureconnections.com.