



## 063 - R7 ANTIABRASION TWIN

Thermoplastic hose with MSHA approved cover, for hydraulic applications from 70 to 210 bar (1000 to 3000 psi)



### FEATURES

#### Inner Tube

Polyester elastomer

#### Reinforcement

One or two braids of synthetic fiber

#### Cover

Polyurethane - black - pinpricked - laser branding

#### Applications

Construction and agricultural equipment - Agricultural brake systems - Forklift Trucks - Articulating and telescopic booms - Aerial platforms - Scissor lifts - Cranes - General hydraulics - Industrial gases

#### Features

Lighter more flexible and more compact than traditional R1 hoses - Bonded construction - Abrasion resistant - Limited change in length - Pinpricked cover

#### Description

Meets or exceeds SAE 100R7 - Medium pressure hose suitable for hydraulic applications with increased resistance to abrasion - For use with petroleum synthetic or water based hydraulic fluids in hydraulic systems - Suitable for general fluid power transmissions like earthmoving agricultural machinery and forklifts trucks - Also suitable for many industrial gases (check for compatibility) - Cover approved by MSHA (Mine Safety and Health Administration) - number IC-305.

#### Temperature Range

-40 °C to 100 °C (-40 °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

SAE 100R7 // EN855-R7 // ISO3949-R7

#### Standard Branding

 TRANSFER OIL - TO HYDRAULIC - Part No - R7  
ANTIABRASION TWIN - SAE 100R7-Dash Size - Inch Size - DN Size - WP  
bar / psi - MSHA IC-305 - MADE IN ITALY - [www.transferoil.com](http://www.transferoil.com) - QQ/YY  
- Batch No

Part no.	DN	Inches	Dash	ID (mm)	OD (mm)	WP (bar)	BP (bar)	ID (inch)	OD (inch)	WP (psi)	BP (psi)	SF	BR (mm)	BR (inch)	Weight (gr/m)	Weight (lb/ft)	Ferrule standard	Ferrule A316L
0630	DN4	1/8	-2	4.0	8.3	210	840	0.157	0.327	3000	12000	4:1	25	0.98	97	0.065	SAB101	SAB801
0631	DN5	3/16	-3	5.0	9.6	210	840	0.197	0.378	3000	12000	4:1	25	0.98	125	0.084	SAB111	SAB811
0632	DN6	1/4	-4	6.5	12.2	210	840	0.256	0.480	3000	12000	4:1	35	1.38	201	0.135	SAB121	SAB821
0633	DN8	5/16	-5	8.1	14.3	190	760	0.319	0.563	2700	10800	4:1	45	1.77	265	0.178	SAB131	SAB831
0634	DN10	3/8	-6	9.7	16.0	160	640	0.382	0.630	2300	9200	4:1	55	2.17	303	0.204	SAB141	SAB841
0635	DN12	1/2	-8	13.0	20.3	140	560	0.512	0.799	2000	8000	4:1	75	2.95	449	0.302	SAB151	SAB851
0636	DN16	5/8	-10	16.3	23.7	105	420	0.642	0.933	1500	6000	4:1	110	4.33	561	0.377	SAB161	SAB861
0637	DN20	3/4	-12	19.5	27.1	90	360	0.768	1.067	1300	5200	4:1	140	5.51	681	0.458	SAB171	SAB871
0638	DN25	1	-16	25.9	34.0	70	280	1.020	1.339	1000	4000	4:1	190	7.48	927	0.623	SAB181	SAB881

*Dimensions and values shown may be changed without prior notice to improve product performances and reliability.*

*Transfer Oil S.p.A. assumes no liability on mistakes nor errors appearing in this spec sheet.*

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