



FLUID CONNECTORS FOR HYDRAULIC
A COMPLETE PRODUCT RANGE OF HOSES



HYDRAULIC HOSES

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BRAID MASTER 1SN

ABRASION, WEATHER & HEAT RESISTANCE

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.			R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE
03-BRAID1SN	-3	5	3/16	9.5	0.37	11.5	0.45	250	3620	1000	14500	90	0.19	0T2000	003400
04-BRAID1SN	-4	6	1/4	11.2	0.44	13.2	0.52	225	3260	900	13050	100	0.23	0T2000	003400
05-BRAID1SN	-5	8	5/16	12.8	0.50	14.8	0.58	215	3110	850	12320	115	0.27	0T2000	003400
06-BRAID1SN	-6	10	3/8	15.1	0.59	17.1	0.67	180	2610	720	10440	125	0.34	0T2000	003400
08-BRAID1SN	-8	12	1/2	18.1	0.71	20.1	0.79	160	2320	640	9280	180	0.42	0T2000	003400
10-BRAID1SN	-10	16	5/8	21.3	0.84	23.3	0.92	130	1880	520	7540	200	0.51	0T2000	003400
12-BRAID1SN	-12	19	3/4	25.3	1.00	27.3	1.07	105	1520	420	6090	240	0.63	0T2000	003400
16-BRAID1SN	-16	25	1	33.1	1.30	35.1	1.38	88	1270	350	5070	300	0.95	0T2000	003400
20-BRAID1SN	-20	31	1.1/4	40.6	1.60	43.3	1.70	63	910	250	3620	420	1.3	0T2000	003400
24-BRAID1SN	-24	38	1.1/2	47	1.85	49.7	1.96	50	720	200	2900	500	1.6	0T2000	003400
32-BRAID1SN	-32	51	2	60.4	2.38	63.1	2.48	40	580	160	2320	630	2.2	0T2000	003400
40-BRAID1SN	-40	64	2.1/2	72.2	2.84	74.9	3.03	50	720	200	2900	760	2.7	0T2000	003400

Main Application

Low-medium pressure lines, including mobile, machine tool and agriculture application (ie. Tractor), Using petroleum or water-based hydraulic fluids.

Applicable Specs

EN 853-1SN , SAE 100-R1AT , ISO 1436-1SN/R1AT

Temperature Range

-40°F / +212°F ; -40°C / +100°C

Inner Tube

Oil resistance synthetic rubber

Reinforcement

One high tensile steel braid

Cover

Synthetic rubber with high abrasion, ozone and weather resistance, Fire resistance with MSHA approval

Optional Features

Extreme Abrasion resistant UHMWPE Cover - High temperature (up to 200°C) - Low temperature (down to -50°C) - 1SN AGRO (designed specifically for agricultural machinery)

Flame Resistance

U.S MSHA Approved & CHN MA Approved.

Marking

HARTEX DIN EN 853 R1AT-16 (1) DN25 MAX WP - 88 BAR / 1270 PSI MSHA

BRAID MASTER



BRAID MASTER 2SN

ABRASION, WEATHER & HEAT RESISTANCE

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.			R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE
03-BRAID2SN	-3	5	3/16	11.3	0.44	13.3	0.52	415	6010	1650	23920	90	0.27	0T2000	003400
04-BRAID2SN	-4	6	1/4	12.7	0.50	14.7	0.58	400	5800	1600	23200	100	0.34	0T2000	003400
05-BRAID2SN	-5	8	5/16	14.3	0.56	16.3	0.64	350	5070	1400	20300	115	0.39	0T2000	003400
06-BRAID2SN	-6	10	3/8	16.7	0.66	18.7	0.74	330	4780	1320	19140	125	0.49	0T2000	003400
08-BRAID2SN	-8	12	1/2	19.8	0.78	21.8	0.86	275	3980	1100	15950	180	0.59	0T2000	003400
10-BRAID2SN	-10	16	5/8	23.0	0.91	25.0	0.98	250	3620	1000	14500	205	0.71	0T2000	003400
12-BRAID2SN	-12	19	3/4	27.0	1.06	29.0	1.14	215	3110	860	12470	240	0.89	0T2000	003400
16-BRAID2SN	-16	25	1	34.8	1.37	36.8	1.45	165	2390	660	9570	300	1.37	0T2000	003400
20-BRAID2SN	-20	31	1.1/4	44.3	1.74	47.0	1.85	125	1810	500	7250	420	2.27	0T2000	003400
24-BRAID2SN	-24	38	1.1/2	50.7	2.00	53.4	2.10	90	1300	360	5220	500	2.44	0T2000	003400
32-BRAID2SN	-32	51	2	63.5	2.50	66.2	2.61	80	1160	320	4640	630	2.7	0T2000	003400
40-BRAID2SN	-40	64	2.1/2	75.2	2.96	79.8	3.14	70	1015	280	4060	760	3.47	0T2000	003400

Main Application

Medium-high pressure lines, including construction, machine tool and agriculture application, Using petroleum or water-based hydraulic fluids.

Applicable Specs

EN 853-2SN , SAE 100-R2AT , ISO 1436-2SN

Temperature Range

-40°F / +212°F ; -40°C / +100°C

Inner Tube

Oil resistance synthetic rubber.

Reinforcement

Two high tensile steel braids.

Cover

Synthetic rubber with high abrasion, ozone and weather resistance, Fire resistance with MSHA approval

Optional Features

Extreme Abrasion resistant UHMWPE Cover - High temperature (up to 200°C) - Low temperature (down to -50°C) - 2SN AGRO (designed specifically for agricultural machinery)

Flame Resistance

U.S MSHA Approved & CHN MA Approved.

Marking

HARTEX DIN EN 853 R2AT-16 (1") DN25 MAX WP - 165 BAR / 2390 PSI MSHA

BRAID-MASTER



SPIRAL MASTER 4SP

ABRASION, WEATHER & HEAT RESISTANCE

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.			R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE
06-SPIRAL4SP	-6	10	3/8	17.6	0.69	21.0	0.83	445	6450	1780	25810	180	0.78	0T2000	000910
08-SPIRAL4SP	-8	12	1/2	20.3	0.80	24.2	0.96	415	6010	1660	24070	230	0.89	0T2000	000910
10-SPIRAL4SP	-10	16	5/8	23.8	0.94	27.6	1.09	350	5070	1400	20300	250	1.11	0T2000	000910
12-SPIRAL4SP	-12	19	3/4	28.2	1.11	31.7	1.25	350	5070	1400	20300	300	1.59	0T2000	000920
16-SPIRAL4SP	-16	25	1	35.0	1.38	39	1.54	280	4060	1120	16240	340	2.02	0T7000	000930
20-SPIRAL4SP	-20	31	1.1/4	46.1	1.81	49.7	1.96	210	3040	840	12180	460	3.32	0T7000	000920
24-SPIRAL4SP	-24	38	1.1/2	52.4	2.06	56.1	2.21	185	2680	740	10730	560	3.7	0T7000	000910
32-SPIRAL4SP	-32	51	2	65.4	2.57	69.0	2.72	165	2390	660	9572	660	5.47	0T7000	000910

Main Application

Very high-pressure applications used for petroleum based hydraulic fluids.

Applicable Specs

EN 856-4SP, ISO 3862-4SP

Temperature Range

-40°F / +212°F ; -40°C / +100°C

Inner Tube

Oil resistance synthetic rubber.

Reinforcement

Four high tensile steel spiral.

Cover

Synthetic rubber with high abrasion, ozone and weather resistance, Fire resistance with MSHA approval

Optional Features

Extreme Abrasion resistant UHMWPE Cover - High temperature (up to 200°C) - Low temperature (down to -50°C)

Flame Resistance

U.S MSHA Approved & CHN MA Approved.

Marking

HARTEX DIN EN 856 R4SP-16 (1") DN25 MAX WP - 280 BAR / 4060 PSI MSHA

SPIRAL-MASTER



SPIRAL MASTER 4SH

ABRASION, WEATHER & HEAT RESISTANCE

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.			R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE
12-SPIRAL4SH	-12	19	3/4	28.2	1.11	31.9	1.26	420	6090	1680	24360	280	1.55	0T7000	001500
16-SPIRAL4SH	-16	25	1	35.1	1.38	38.1	1.50	380	5510	1520	22040	340	2.00	0T7000	001500
20-SPIRAL4SH	-20	31	1.1/4	42.2	1.66	45.0	1.77	325	4714	1300	18855	460	2.46	0T7000	001500
24-SPIRAL4SH	-24	38	1.1/2	49.1	1.93	53.1	2.09	290	4205	1160	16820	560	3.36	0T7000	001500
32-SPIRAL4SH	-32	51	2	63.5	2.50	67.5	2.66	250	3650	1000	15600	700	4.98	0T7000	001500

Main Application

Very high-pressure applications used for petroleum based hydraulic fluids.

Applicable Specs

EN 856-4SH , ISO 3862-4SH

Temperature Range

-40°F / +212°F ; -40°C / +100°C

Inner Tube

Oil resistance synthetic rubber.

Reinforcement

Four high tensile steel spiral.

Cover

Synthetic rubber with high abrasion, ozone and weather resistance, Fire resistance with MSHA approval

Optional Features

Extreme Abrasion resistant UHMWPE Cover - High temperature (up to 200°C) - Low temperature (down to -50°C)

Flame Resistance

U.S MSHA Approved & CHN MA Approved.

Marking

HARTEX DIN EN 856 R4SH-16 (1") DN25 MAX WP - 380 BAR / 5510 PSI MSHA

SPIRAL-MASTER



ISOBARIC MASTER 4000

COMPACTNESS AND FLEXIBILITY

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.			R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE
06-ISO4000	-6	10	3/8	17.3	0.68	20.0	0.79	280	4100	1120	16400	60	0.6	0T2000	000910
08-ISO4000	-8	12	1/2	20.4	0.80	23.5	0.93	280	4100	1120	16400	90	0.8	0T2000	000910
10-ISO4000	-10	16	5/8	24.4	0.96	27.1	1.07	280	4100	1120	16400	100	1.15	0T2000	000910
12-ISO4000	-12	19	3/4	27.4	1.08	30.4	1.20	280	4100	1120	16400	120	1.25	0T2000	000920
16-ISO4000	-16	25	1	35.0	1.38	37.6	1.48	280	4100	1120	16400	150	1.85	0T2000	000930
20-ISO4000	-20	31	1.1/4	42.2	1.66	45.0	1.77	280	4100	1120	16400	210	2.46	0T2000	001500
24-ISO4000	-24	38	1.1/2	49.1	1.93	53.1	2.09	280	4100	1120	16400	330	3.36	0T7000	001500
32-ISO4000	-32	51	2	63.5	2.50	67.5	2.66	280	4100	1120	16400	400	4.98	0T7000	001500

Main Application	Very high-pressure applications used for petroleum based hydraulic fluids.
Applicable Specs	ISO 3862-R12 , EN 856-R12 , ISO 3862-4SH , EN 856-4SH , SAE 100R12
Temperature Range	-40°F / +250°F ; -40°C / +121°C
Inner Tube	Oil resistance synthetic rubber.
Performance	Meet or Exceeds the performance requirements of: DN10-25 , ISO 3862-R12 , EN 856-R12 DN32-51 , ISO 3862-4SH , EN 856-4SH
Reinforcement	Four high tensile steel spiral
Cover	Synthetic rubber with high abrasion, ozone and weather resistance, Fire resistance with MSHA approval
Optional Features	Extreme Abrasion resistant UHMWPE Cover - High temperature (up to 200°C) - Low temperature (down to -50°C)
Flame Resistance	U.S MSHA Approved & CHN MA Approved.
Marking	HARTEX ISO4000-16 (1") DN25 MAX WP - 280 BAR / 4100 PSI MSHA ISOBARIC- MASTER



ISOBARIC MASTER 5000

COMPACTNESS AND FLEXIBILITY

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.			R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE
06-ISO5000	-6	10	3/8	17.6	0.69	21.0	0.83	350	5100	1400	20400	60	0.78	0T2000	000910
08-ISO5000	-8	12	1/2	20.3	0.80	24.2	0.96	350	5100	1400	20400	90	0.89	0T2000	000910
10-ISO5000	-10	16	5/8	23.8	0.94	27.6	1.09	350	5100	1400	20400	100	1.11	0T2000	000910
12-ISO5000	-12	19	3/4	28.2	1.11	31.7	1.25	350	5100	1400	20400	120	1.59	0T2000	000920
16-ISO5000	-16	25	1	35.1	1.38	38.4	1.51	350	5100	1400	20400	150	2.08	0T7000	001500
20-ISO5000	-20	31	1.1/4	46.3	1.82	49.3	1.94	350	5100	1400	20400	210	3.57	0T7000	001500
24-ISO5000	-24	38	1.1/2	53.7	2.11	57.3	2.26	350	5100	1400	20400	330	4.58	0T7000	001500
32-ISO5000	-32	51	2	68.0	2.68	71.6	2.82	350	5100	1400	20400	400	6.88	0T7000	001500

Main Application

Very high-pressure applications subject to surge or flexing such as construction equipment, mining and the high performance industrial market.

Applicable Specs

ISO 3862-R13 , EN 856-R13

Temperature Range

-40°F / +250°F ; -40°C / +121°C

Inner Tube

Oil resistance synthetic rubber.

Reinforcement

Four high tensile steel spirals (DN19-25), Six high tensile steel spirals (DN31-51)

Cover

Synthetic rubber with high abrasion, ozone and weather resistance, Fire resistance with MSHA approval

Optional Features

Extreme Abrasion resistant UHMWPE Cover - High temperature (up to 200°C) - Low temperature (down to -50°C)

Flame Resistance

U.S MSHA Approved & CHN MA Approved.

Marking

ISO5000-16 (1") DN25 MAX WP - 350 BAR / 5100 PSI MSHA ISOBARIC- MASTER



ISOBARIC MASTER 6000

COMPACTNESS AND FLEXIBILITY

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.			R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE
06-ISO6000	-6	10	3/8	17.6	0.69	21.0	0.83	420	6100	1680	24400	75	0.78	0T2000	000910
08-ISO6000	-8	12	1/2	20.3	0.80	24.2	0.96	420	6100	1680	24400	100	0.89	0T2000	000910
12-ISO6000	-12	19	3/4	28.2	1.11	32.0	1.26	420	6100	1680	24400	115	1.65	0T7000	001500
16-ISO6000	-16	25	1	35.1	1.38	38.4	1.51	420	6100	1680	24400	165	2.29	0T7000	001500
20-ISO6000	-20	31	1.1/4	46.3	1.82	49.3	1.94	420	6100	1680	24400	220	3.97	0T7000	001500
24-ISO6000	-24	38	1.1/2	53.7	2.11	57.3	2.26	420	6100	1680	24400	350	4.72	0T6000	001600
32-ISO6000	-32	51	2	68.9	2.71	71.5	2.81	420	6100	1680	24400	400	7.10	0T6000	001600

Main Application

Design specifically to handle severe high pressure applications where pressure or constant hydrostatic loads are present

Applicable Specs

ISO 3862-R15 , EN 856-R15

Temperature Range

-40°F / +250°F ; -40°C / +121°C

Inner Tube

Oil resistance synthetic rubber.

Reinforcement

Four high tensile steel spirals (DN10-19), Six high tensile steel spirals (DN25-51)

Cover

Synthetic rubber with high abrasion, ozone and weather resistance, Fire resistance with MSHA approval

Optional Features

Extreme Abrasion resistant UHMWPE Cover - High temperature (up to 200°C) - Low temperature (down to -50°C)

Flame Resistance

U.S MSHA Approved & CHN MA Approved.

Marking

ISO6000-16 (1") DN25 MAX WP - 420 BAR / 6100 PSI MSHA ISOBARIC- MASTER



JACK MASTER 2SN

EXTREME STATIC PRESSURE

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D			O.D		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE
04-2SNJM	-4	6	1/4	15.0	0.59	725	10500	1450	21000	100	0.39	0T2000	003400
06-2SNJM	-6	10	3/8	19.0	0.75	700	10000	1400	20000	125	0.55	0T2000	003400
08-2SNJM	-8	12	1/2	22.2	0.87	552	8000	1104	16000	178	0.65	0T2000	003400

Main Application

Very high pressure hydraulic lines 520 to 700 bar. Compact high pressure, light weight, high abrasion resistance and low change in length for use with petroleum

Applicable Specs

SAE 100-R2AT , ISO 1436-2SN , EN 853-2SN

Temperature Range

-40°F / +212°F ; -40°C / +100°C

Inner Tube

Oil resistance synthetic rubber.

Reinforcement

Two high tensile steel braids.

Cover

Smooth Synthetic rubber with high abrasion, ozone and weather resistance.

Marking

HARTEX DIN EN 853 R2AT-8 (1/2") DN12 MAX WP - 552 BAR / 8000 PSI MSHA

JACK-MASTER



FIRE MASTER 1SN

FIRE SUPPRESSION SYSTEMS

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.			R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE
04-1SNFSS	-4	6	1/4	11.0	0.43	13.0	0.51	225	3260	900	13050	100	0.22	0T2000	003400
06-1SNFSS	-6	10	3/8	15.0	0.59	17.0	0.67	180	2610	720	10440	127	0.32	0T2000	003400
08-1SNFSS	-8	12	1/2	18.1	0.71	20.1	0.79	160	2320	640	9280	178	0.41	0T2000	003400
12-1SNFSS	-12	19	3/4	25.3	1.00	27.9	1.10	105	1520	420	6090	240	0.66	0T2000	003400
16-1SNFSS	-16	25	1	33.1	1.30	35.7	1.41	88	1270	350	5070	300	0.98	0T2000	003400

Main Application

Use in fire suppression systems of off-road vehicles, mining equipment, stationary engines. the hose present red cover for easy identification in the fire suppression system

Applicable Specs

EN 853-1SN , ISO 1436-1SN

Temperature Range

-40°F / +212°F ; -40°C / +100°C

Inner Tube

Oil resistance synthetic rubber

Reinforcement

One high tensile steel braid

Cover

Red synthetic rubber with high ozone, abrasion and weather

Optional Features

Flame retardant red cover, Excellent performance for standard hydraulic applications, Embossed indeleible branding

Flame Resistance

U.S MSHA Approved & CHN MA Approved.

Marking

HARTEX FIRE MASTER-16 (1") DN25 MAX WP - 88 BAR / 1270 PSI MSHA



COVER R5

INTEGRATED, RELIABLE HOSE ASSEMBLY

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.			R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE
04-S100R5	-4	5	3/16	-	-	13.2	0.52	210	3040	840	12180	75	0.24	0T4000	000310
05-S100R5	-5	6	1/4	-	-	14.8	0.58	210	3040	840	12180	85	0.29	0T4000	000310
06-S100R5	-6	8	5/16	-	-	17.1	0.67	157	2270	630	9130	100	0.36	0T4000	000310
08-S100R5	-8	10	13/32	-	-	19.4	0.76	140	2030	560	8120	115	0.48	0T4000	000310
10-S100R5	-10	12	1/2	-	-	23.3	0.92	122	1760	490	7100	140	0.55	0T4000	000310
12-S100R5	-12	16	5/8	-	-	27.3	1.07	105	1520	420	6090	165	0.65	0T4000	000310
16-S100R5	-16	22	7/8	-	-	31.2	1.23	56	810	224	3240	185	0.69	0T4000	000310
20-S100R5	-20	28	1.1/8	-	-	38.0	1.50	43	620	175	2530	230	0.84	0T4000	000310
24-S100R5	-24	35	1.3/8	-	-	44.3	1.74	35	500	140	2030	265	1.03	0T4000	000310
32-S100R5	-32	46	1.13/16	-	-	56.1	2.21	24	340	98	1420	335	1.32	0T4000	000310
40-S100R5	-40	61	2.3/8	-	-	73.0	2.87	24	340	97	1400	610	2.96	0T4000	000310
48-S100R5	-48	76	3	-	-	90.5	3.56	14	200	55	800	840	4	0T4000	000310

Main Application Low-Medium pressure lines, general purpose applications.

Applicable Specs SAE 100-R5

Temperature Range -40°F / +212°F ; -40°C / +100°C

Inner Tube Oil resistance synthetic rubber.

Reinforcement One high tensile steel braid.

Cover Impregnation of the outer textile braid with environment resistant synthetic rubber.

Marking **HARTEX** COVER R5-16 (7/8") DN22 MAX WP - 56 BAR / 810 PSI MSHA



MULTITEX BIODIESEL R6

INTEGRATED, RELIABLE HOSE ASSEMBLY

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.		R.O.D.		O.D.		MAX W.P.		MIN B.P.		MIN B.R.	WEIGHT	FITTINGS		
	DASH	DN	INCH	MM	INCH	MM	INCH	BAR	PSI	BAR	PSI	MM	KG/M	1 PIECE	2 PIECE
03-MTTXR6	-3	5	3/16"	0.0	0.00	11.0	0.43	35	500	140	2030	35	0.09	0T4000	000820
04-MTTXR6	-4	6	1/4"	0.0	0.00	12.6	0.50	30	430	120	1740	45	0.11	0T4000	000830
05-MTTXR6	-5	8	5/16"	0.0	0.00	14.1	0.56	30	430	120	1740	65	0.14	0T4000	000830
06-MTTXR6	-6	10	3/8"	0.0	0.00	15.8	0.62	30	430	120	1740	75	0.16	0T4000	000820
08-MTTXR6	-8	12	1/2"	0.0	0.00	19.4	0.76	30	430	120	1740	90	0.21	0T4000	000820
10-MTTXR6	-10	16	5/8"	0.0	0.00	23.0	0.91	30	430	120	1740	115	0.29	0T4000	000820
12-MTTXR6	-12	19	3/4"	0.0	0.00	26.0	1.02	30	430	120	1740	140	0.32	0T4000	000820
16-MTTXR6	-16	25	1"	0.0	0.00	32.0	1.26	30	430	120	1740	150	0.40	0T4000	000820

Main Application

Mineral oils, vegetable and rape seed oils, glycol and polyglycol based oils, synthetic ester based oils, oils aqueous emulsion, water

Applicable Specs

SAE 100-R6 , EN 854-R6/1TE , ISO 4079-R6/1TE

Temperature Range

-40°F / +257°F ; -40°C / +125°C

Inner Tube

Oil resistance synthetic rubber.

Reinforcement

One high resistance textile braid

Cover

Weather resistant synthetic rubber

Optional Features

High flexibility , wide range of fluid compatibility

Flame Resistance

U.S MSHA Approved & CHN MA Approved.

Marking

HARTEX MULTITEX-16 BIODIESEL EN 854-R6 DN25 -16 1" WP 30 bar 430 PSI



MULTIPURPOSE

INTEGRATED, RELIABLE HOSE ASSEMBLY

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

PART NUMBER	I.D.			O.D.		MAX W.P.		MIN B.R.		WEIGHT		FITTINGS	
	PN	DASH	DN	INCH	MM	INCH	BAR	PSI	MM	INCH	KG/M	LB/FT	1 PIECE
04-MULP20B	-4	6	1/4	13	0.51	20	300	48	2.00	0.140	0.095	0T4000	000830
05-MULP20B	-5	8	5/16	15	0.59	20	300	64	2.50	0.170	0.115	0T4000	000830
06-MULP20B	-6	10	3/8	17	0.67	20	300	80	3.00	0.205	0.140	0T4000	000820
08-MULP20B	-8	12	1/2	21	0.83	20	300	104	4.00	0.275	0.185	0T4000	000820
10-MULP20B	-10	16	5/8	25	0.98	20	300	128	5.00	0.375	0.225	0T4000	000820
12-MULP20B	-12	19	3/4	29	1.14	20	300	152	6.00	0.505	0.340	0T4000	000820
16-MULP20B	-16	25	1	35	1.38	20	300	200	8.00	0.627	0.421	0T4000	000820

Main Application

Compressed air, water, fuel and oil delivery in general industrial applications

Safety Factor

3 : 1

Temperature Range

+14°F / +140°F ; -10°C / +60°C

Inner Tube

Black Synthetic elastomer

Reinforcement

One high tensile textile cords

Cover

Red synthetic elastomer with longitudinal blue stripes - abrasion, ozone and hydrocarbon resistant

Marking

HARTEX MULTIPURPOSE-16 (1") MAX WP - 20 BAR / 300 PSI



COMPRESSED AIR

INTEGRATED, RELIABLE HOSE ASSEMBLY

APPLICATIONS:



Engineering Machinery



Road Machinery



Ship Machinery



Construction Machinery



Agricultural Machinery



Mining Equipments



Port Handling Equipment



Oil & Gas Equipment



Forestry Equipments

TECHNICAL DATA

TECHNICAL DATA													
PART NUMBER	I.D.			O.D.		MAX W.P.		MIN B.R.		WEIGHT		FITTINGS	
PN	DASH	DN	INCH	MM	INCH	BAR	PSI	MM	INCH	KG/M	LB/FT	1 PIECE	2 PIECE
04-COMA20B	-4	6	1/4	12	0.51	20	300	48	2.00	0.120	0.085	0T4000	000830
05-COMA20B	-5	8	5/16	14	0.59	20	300	64	2.50	0.140	0.095	0T4000	000830
06-COMA20B	-6	10	3/8	17	0.67	20	300	80	3.00	0.205	0.140	0T4000	000820
08-COMA20B	-8	12	1/2	21	0.83	20	300	104	4.00	0.280	0.190	0T4000	000820
10-COMA20B	-10	16	5/8	24	0.98	20	300	128	5.00	0.355	0.240	0T4000	000820
12-COMA20B	-12	19	3/4	28	1.10	20	300	152	6.00	0.460	0.310	0T4000	000820
16-COMA20B	-16	25	1	35	1.38	20	300	200	8.00	0.640	0.435	0T4000	000820

Main Application Compressed air and general industrial applications

Safety Factor 3 : 1

Temperature Range +14°F / +140°F ; -10°C / +60°C

Inner Tube Black Synthetic elastomer - Oil mist resistant

Reinforcement One high tensile textile cords

Cover Black synthetic elastomer with longitudinal yellow stripes - abrasion and ozone resistant

Marking **HARTEX** COMPRESSED AIR-16 (1") MAX WP - 20 BAR / 300 PSI



HARTEX



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HARTEX GLOBAL INDUSTRIAL

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