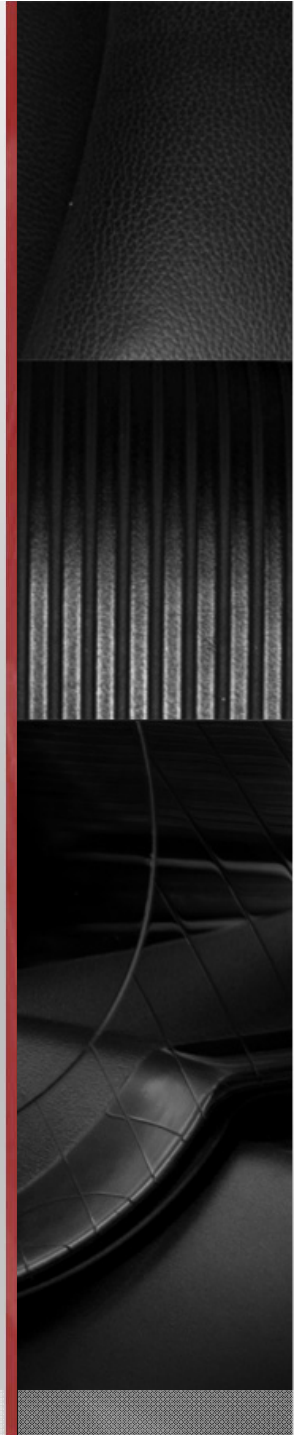




VA/VE OEM RANGE

KEY FEATURES:

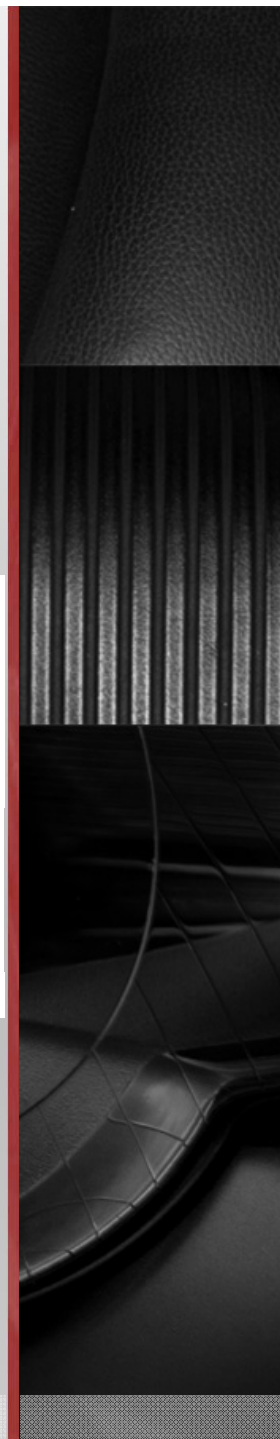
- HIGHER FLEXIBILITY
- COMPACT DIMENSION
- LIGHTER WEIGHT
- HIGH ABRASION RESISTANCE
- FULL PERFORMANCE IN NO SKIVE





HIGHER FLEXIBILITY

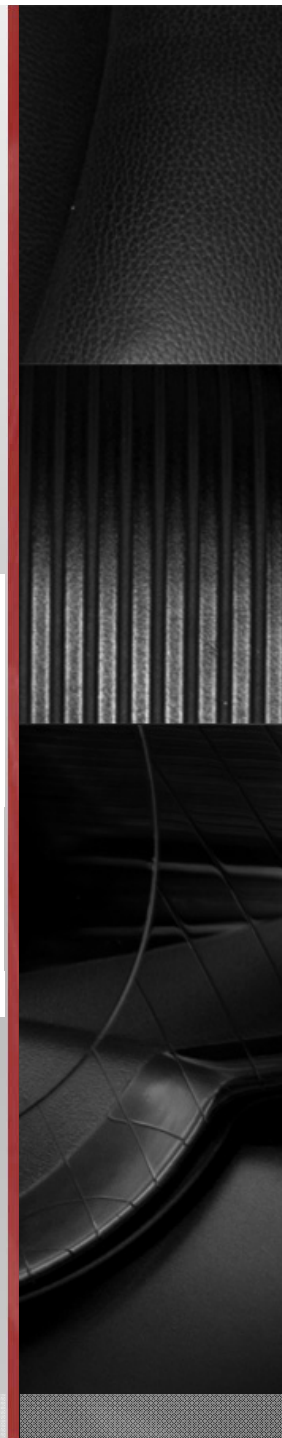
HOSE CODE	MAX WORKING PRESSURE		MIN BEND RADIUS	NEW	MAX WORKING PRESSURE		MIN BEND RADIUS
	bar	psi	mm		bar	psi	mm
DIN4SP-08	415	6000	230	→	420	6000	110
DIN4SH-12	420	6000	280	→	420	6000	170
SAER15-16	420	6000	300	→	420	6000	220





COMPACT DIMENSION

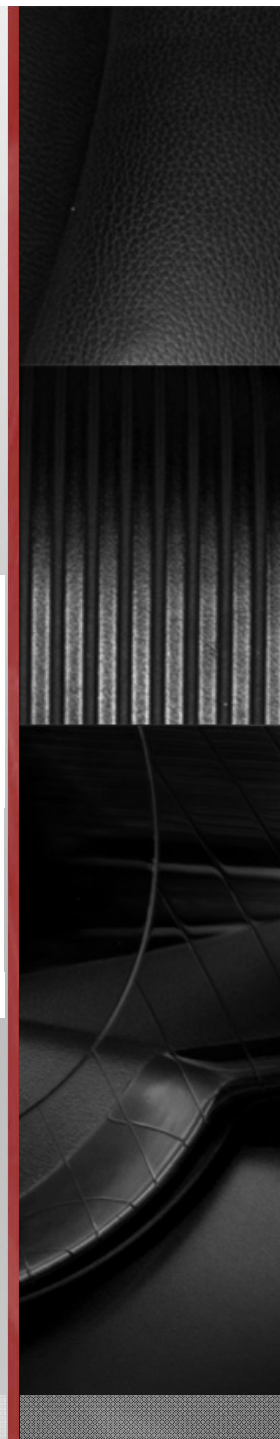
HOSE CODE	MAX WORKING PRESSURE		OUTSIDE DIAMETER	NEW	MAX WORKING PRESSURE		OUTSIDE DIAMETER	
	bar	psi	mm		bar	psi	mm	
DIN4SP-08	415	6000	24,6	→	4ST+ 08	420	6000	22,2
DIN4SH-12	420	6000	32,2	→	4ST+ 12	420	6000	30,1
SAER15-16	420	6000	38,7	→	4ST+ 16	420	6000	36,6





LIGHTER WEIGHT

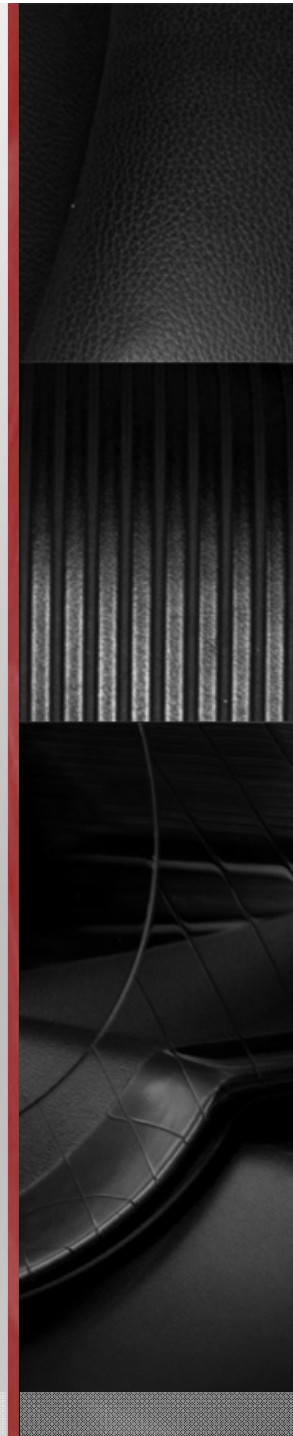
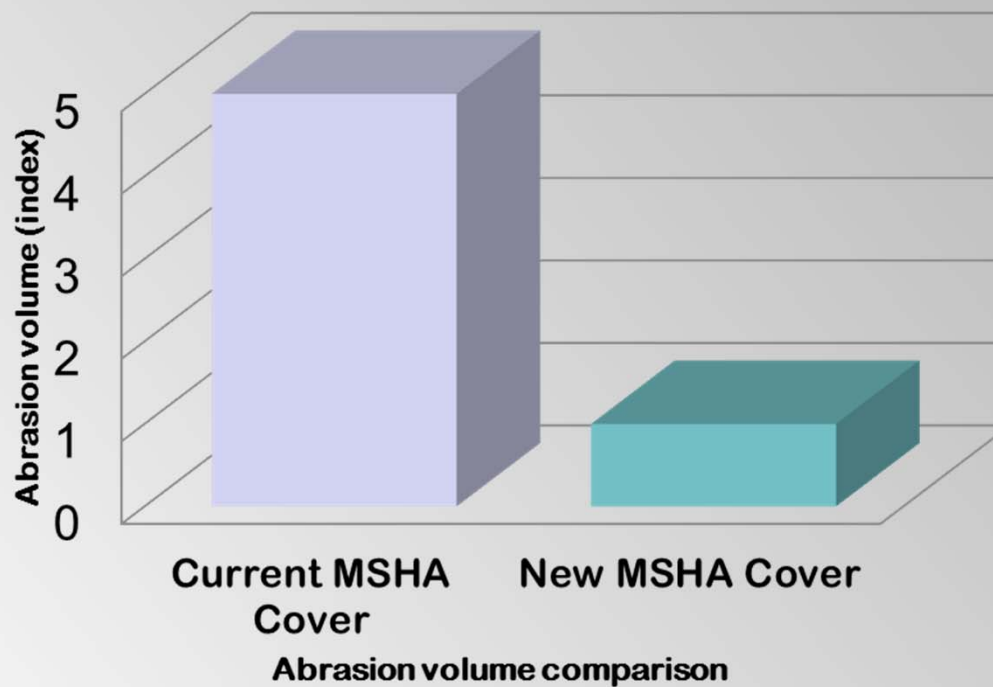
HOSE CODE	MAX WORKING PRESSURE		WEIGHT kg/m	→	NEW	MAX WORKING PRESSURE		WEIGHT kg/m
	bar	psi				bar	psi	
DIN4SP-08	415	6000	0,95	→	4ST+ 08	420	6000	0,74
DIN4SH-12	420	6000	1,60	→	4ST+ 12	420	6000	1,47
SAER15-16	420	6000	2,20	→	4ST+ 16	420	6000	1,95

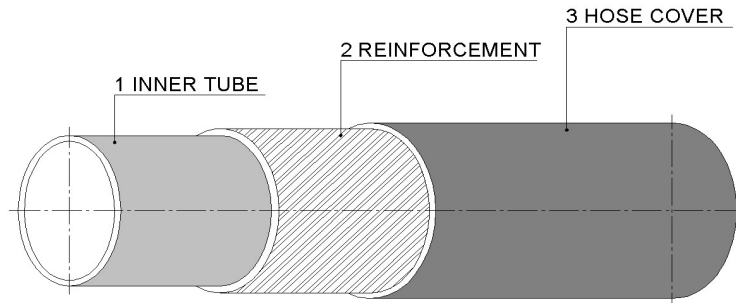




HIGH ABRASION RESISTANCE

**4 TIMES HIGHER RESISTANCE
THAN CURRENT MSHA COVER**





HOSE CODE	REINFORCEMENT TYPE	DN	DN	SIZE	REINFORC. DIAMETER	OUTSIDE DIAMETER	MAX WORKING PRESSURE		MIN BURST PRESSURE		BEND RADIUS	WEIGHT
		mm	inch		mm	mm	bar	psi	bar	psi	mm	kg/m
4ST 10	4 WIRE SPIRALS	16	5/8"	10	24,4	26,4	350	5000	1400	20000	140	1,00
4ST 12	4 WIRE SPIRALS	19	3/4"	12	27,0	29,0	350	5000	1400	20000	170	1,09
4ST 16	4 WIRE SPIRALS	25	1"	16	34,6	36,6	350	5000	1400	20000	220	1,95
4ST 20	4 WIRE SPIRALS	31	1.1/4"	20	41,9	45,0	350	5000	1400	20000	380	2,49
4ST 24	4 WIRE SPIRALS	38	1.1/2"	24	48,8	52,0	300	4350	1200	17400	450	3,03
4ST 32	4 WIRE SPIRALS	51	2"	32	63,2	66,5	250	3600	1000	14400	500	4,43

A. CONSTRUCTION

- 1 SYNTHETIC RUBBER TUBE (NBR BASED)
- 2 FOUR HIGH TENSILE STEEL WIRE SPIRALS
- 3 SYNTHETIC RUBBER COVER ABRASION RESISTANT TYPE
 - FLAME RESISTANT MSHA APPROVED

B. APPLICATION

HIGH PRESSURE HYDRAULIC SYSTEM FOR USING
 MINERAL OILS, BIOLOGICAL TYPE OILS, WATER-OIL EMULSIONS, WATER
 SIZES 20; 24; 32; EXCEEDS EN 856 4SH

C. TEMPERATURE RANGE

- 40 C° TO + 120 C°



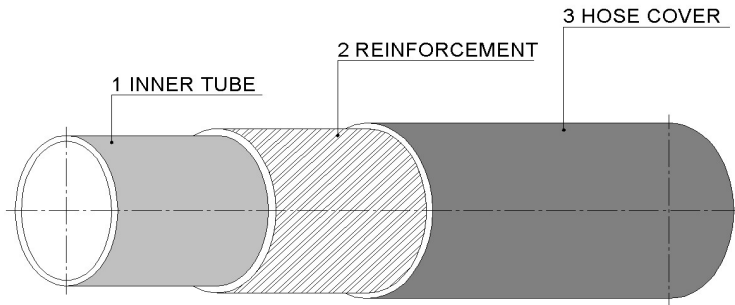
INTERTRACO ITALIA S.P.A.
VIA E. AMALDI 1/A-B
46029 SUZZARA (MN)
ITALIA

Intertraco (Italia) S.p.a.

DRAWING TITLE	REV: 00	DATE: 31/05/2012
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HYDRAULIC HOSE

4 SPIRAL HOSE



4ST+

EXCEEDS SAE 100 R15

HOSE CODE	REINFORCEMENT TYPE	DN	DN	SIZE	REINFORC. DIAMETER	OUTSIDE DIAMETER	MAX WORKING PRESSURE		MIN BURST PRESSURE		BEND RADIUS	WEIGHT
		mm	inch		mm	mm	bar	psi	bar	psi	mm	kg/m
4ST+ 08	4 WIRE SPIRALS	12	1/2"	08	20,0	22,2	420	6000	1680	24000	110	0,74
4ST+ 10	4 WIRE SPIRALS	16	5/8"	10	24,4	26,4	420	6000	1680	24000	140	1,00
4ST+ 12	4 WIRE SPIRALS	19	3/4"	12	28,2	30,1	420	6000	1680	24000	170	1,47
4ST+ 16	4 WIRE SPIRALS	25	1"	16	34,6	36,6	420	6000	1680	24000	220	1,95

A. CONSTRUCTION

- 1 SYNTHETIC RUBBER TUBE (NBR BASED)
- 2 FOUR HIGH TENSILE STEEL WIRE SPIRALS
- 3 SYNTHETIC RUBBER COVER ABRASION RESISTANT TYPE
 - FLAME RESISTANT MSHA APPROVED

B. APPLICATION

HIGH PRESSURE HYDRAULIC SYSTEM FOR USING MINERAL OILS, BIOLOGICAL TYPE OILS, WATER-OIL EMULSIONS, WATER

C. TEMPERATURE RANGE

- 40 C° TO + 120 C°



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46029 SUZZARA (MN)
ITALIA

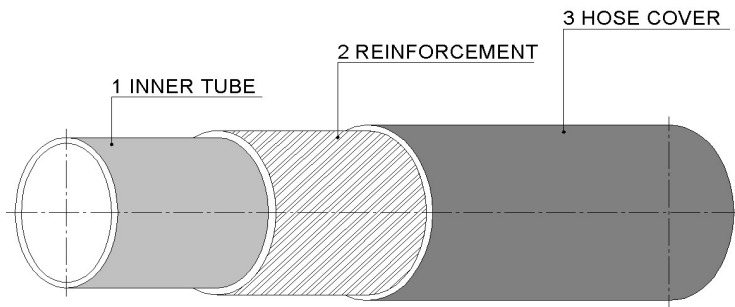
Intertraco (Italia) S.p.a.

DRAWING TITLE	REV: 00	DATE: 31/05,2012
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HYDRAULIC HOSE

4 SPIRAL HOSE

EXCEEDS SAE 100 R15



BRIDGESTONE
6ST

EXCEEDS SAE 100 R 15

HOSE CODE	REINFORCEMENT TYPE	DN	DN	SIZE	REINFORC. DIAMETER	OUTSIDE DIAMETER	MAX WORKING PRESSURE		MIN BURST PRESSURE		BEND RADIUS	WEIGHT
		mm	inch		mm	mm	bar	psi	bar	psi	mm	kg/m
6ST 20	6 WIRE SPIRALS	31	1.1/4"	20	44,4	47,4	420	6000	1680	24000	300	3,68
6ST 24	6 WIRE SPIRALS	38	1.1/2"	24	52,5	55,5	420	6000	1680	24000	350	4,40
6ST 32	6 WIRE SPIRALS	51	2"	32	66,9	71,5	420	6000	1680	24000	395	7,44

A. CONSTRUCTION

- 1 SYNTHETIC RUBBER TUBE (NBR BASED)
- 2 SIX HIGH TENSILE STEEL WIRE SPIRALS
- 3 SYNTHETIC RUBBER COVER ABRASION RESISTANT TYPE
 - FLAME RESISTANT MSHA APPROVED

B. APPLICATION

HIGH PRESSURE HYDRAULIC SYSTEM FOR USING
MINERAL OILS, BIOLOGICAL TYPE OILS, WATER-OIL EMULSIONS, WATER

C. TEMPERATURE RANGE

- 40 C° TO + 120 C°



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HYDRAULIC HOSE

6 SPIRAL HOSE

EXCEEDS SAE 100 R15