

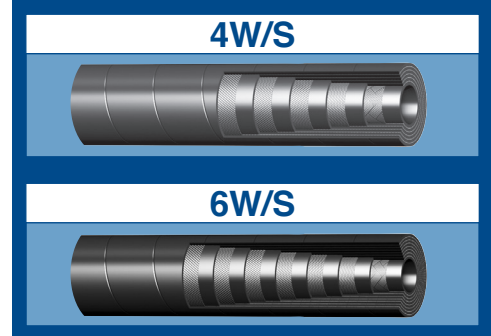
# New Product

## CWS SERIES (Compact Wire Spiral/Isobaric Concept)

- New hose series with compact design which complies to ISO18752 CLASS 350 TYPE CC.
- No need skive
- Exceeds the ISO18752 CLASS 350 TYPE CC, flexible design. Achieve smaller bend radius.

<b>Hose Structure</b>	Inner Cover: Oil Resistant Synthetic Rubber  Reinforcement: Steel Wire  Outer Cover: Oil and Weather Resistant Synthetic Rubber
<b>Recommended Fluids</b>	General Hydraulic Oil, Mineral Hydraulic Oil
<b>Operating Temperature</b>	-40°C~+120°C (-40F~+250F)

### Hose Structure & Reinforcement



ISO18752 CLASS 350 TYPE CC												
	I.D.		O.D.		Max. W.P.		Min. B.P.		Min. B.R.		Weight	
	inch	mm	inch	mm	Psi	MPa	Psi	MPa	inch	mm	lb/ft	g/m
10	3/8	9.5	0.79	20.1	5100	35.0	20400	140.0	2.95	75	0.46	680
12	1/2	12.7	0.90	22.9	5100	35.0	20400	140.0	3.54	90	0.50	750
15	5/8	15.9	1.05	26.6	5100	35.0	20400	140.0	4.13	105	0.69	1020
19	3/4	19.0	1.17	29.8	5100	35.0	20400	140.0	4.92	125	0.79	1180
25	1	25.4	1.48	37.1	5100	35.0	20400	140.0	5.91	150	1.15	1710
32	1-1/4	31.8	1.75	44.5	5100	35.0	20400	140.0	9.06	230	1.66	2470
38	1-1/2	38.1	2.28	57.8	5100	35.0	20400	140.0	11.02	280	3.25	4840



Excavator



Wheel loader



Mining



Harbor



Building  
Civil engineering



Agriculture

### SUMITOMO RIKO GROUP

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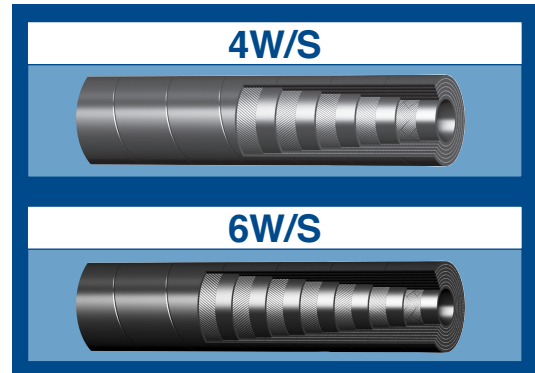
# New Product







## CWS SERIES (Compact Wire Spiral/Isobaric Concept)

- New hose series with compact design which complies to ISO18752 CLASS 420 TYPE CC.
- No need skive
- Exceeds the ISO18752 CLASS 420 TYPE CC, flexible design. Achieve smaller bend radius.

<b>Hose Structure</b>	<p>Inner Cover: Oil Resistant Synthetic Rubber</p> <p>Reinforcement: Steel Wire</p> <p>Outer Cover: Oil and Weather Resistant Synthetic Rubber</p>
<b>Recommended Fluids</b>	<p>General Hydraulic Oil, Mineral Hydraulic Oil</p>
<b>Operating Temperature</b>	<p>-40°C~+120°C (-40F~+250F)</p>

### Hose Structure & Reinforcement



ISO18752 CLASS 420 TYPE CC												
	I.D.		O.D.		Max. W.P.		Min. B.P.		Min. B.R.		Weight	
	inch	mm	inch	mm	Psi	MPa	Psi	MPa	inch	mm	lb/ft	g/m
19	3/4	19.2	1.19	30.1	6100	42.0	24400	168.0	5.12	130	0.89	1320
25	1	25.4	1.48	37.5	6100	42.0	24400	168.0	6.50	165	1.34	1990
32	1-1/4	31.8	1.96	49.7	6100	42.0	24400	168.0	8.66	220	2.47	3660
38	1-1/2	38.1	2.28	57.8	6100	42.0	24400	168.0	10.43	265	3.25	4830
51	2	50.8	2.88	73.1	6100	42.0	24400	168.0	12.80	325	4.93	7330



Excavator



Wheel loader



Mining



Harbor



Building  
Civil engineering



Agriculture

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