

## Construction:

- *Inner Tube:* seamless synthetic rubber compound
- *Reinforcement:* synthetic impregnated single-wire braid over single cotton braid
- *Outer Cover:* synthetic impregnated oil-resistant cotton braid

## Operating Temperatures:

- 303 Hose: -65° to +250°F
- 302A Hose: -40° to +250°F

## Identification:

Grey-black braided cover with linear yellow marking consisting of — "MIL-DTL-8794 ,size, date of manufacture (quarter year/year) and hose manufacturer's code." Spaced 90° from this is a yellow indicator stripe interspersed with "Aeroquip 303" or "Aeroquip 302A." Markings repeated nine inches apart.

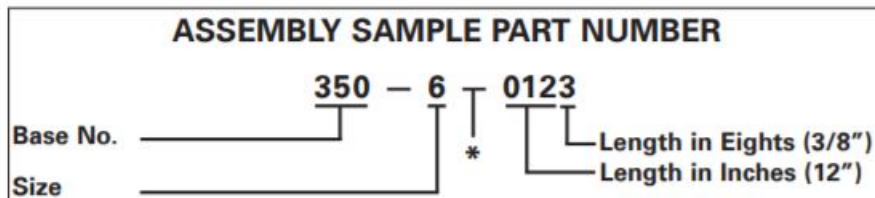
## Application:

Medium pressure hydraulic, pneumatic, fuel, oil and coolant systems specified in MS33620. Hose assemblies conform to MIL-DTL-8795 and MS28741. Hose conforms to MIL-DTL-8794. Fittings conform to MIL-A-5070 and MS24587.\* Hose may be used in submerged applications.

\* *Supersedes MS28740, fittings dimensionally and functionally interchangeable.*



303, 302A/ MIL-DTL-8794 Hose



\* Use D instead of (-) after size for -8 and larger

COMPLETE ASSEMBLY Including 491 Fittings			HOSE							
Part No.	Tube Size O.D.	Weight 12" Ass'y (lbs.)	Part No.	Hose Size I.D.	Hose Size O.D.	Max. Oper. P.S.I.	Min. Proof P.S.I.	Min. Burst P.S.I.	Min. Bend radii**	Weight per inch (lbs.)
350-3-L † MS28741-3-L	3/16	.175	303-3 MIL-DTL-8794-3	.125	.453	3000	6000	12000	3.00	.010
350-4-L †† MS28741-4-L	1/4	.228	303-4 MIL-DTL-8794-4	.188	.516	3000	6000	12000	3.00	.011
350-5-L MS28741-5-L	5/16	.279	303-5 MIL-DTL-8794-5	.250	.578	3000	5000	10000	3.38	.013
350-6-L MS28741-6-L	3/8	.391	303-6 MIL-DTL-8794-6	.313	.672	2000	4500	9000	4.00	.019
360-8-DL MS28741-8-L	1/2	.417	303-8 MIL-DTL-8794-8	.406	.766	2000	4000	8000	4.62	.022
360-10-DL MS28741-10-L	5/8	.580	303-10 MIL-DTL-8794-10	.500	.922	1750	3500	7000	5.50	.031
360-12-DL MS28741-12-L	3/4	.750	303-12 MIL-DTL-8794-12	.625	1.078	1500	3000	6000	6.50	.038
390A16DL MS28741-16-L	1	.824	302A16 MIL-DTL-8794-16	.875	1.234	800	1600	3200	7.38	.037
390A20DL MS28741-20-L	1 1/4	1.274	302A20 MIL-DTL-8794-20	1.125	1.500	600	1250	2500	9.00	.043
390A24DL MS28741-24-L	1 1/2	1.558	302A24 MIL-DTL-8794-24	1.375	1.750	500	1000	2000	11.00	.056
390A32DL MS28741-32-L	2	2.453	302A32 MIL-DTL-8794-32	1.812	2.219	350	700	1400	13.25	.078

\*\* At maximum operating pressure.

† Not to be used in hydraulic systems.

†† May be used where dynamic impulse does not exceed 3750 psi. If dynamic impulses of 4500 psi are required MIL-H-8790 hose assemblies shall be used.