



MASON INDUSTRIES, Inc.

MERCER RUBBER Co.

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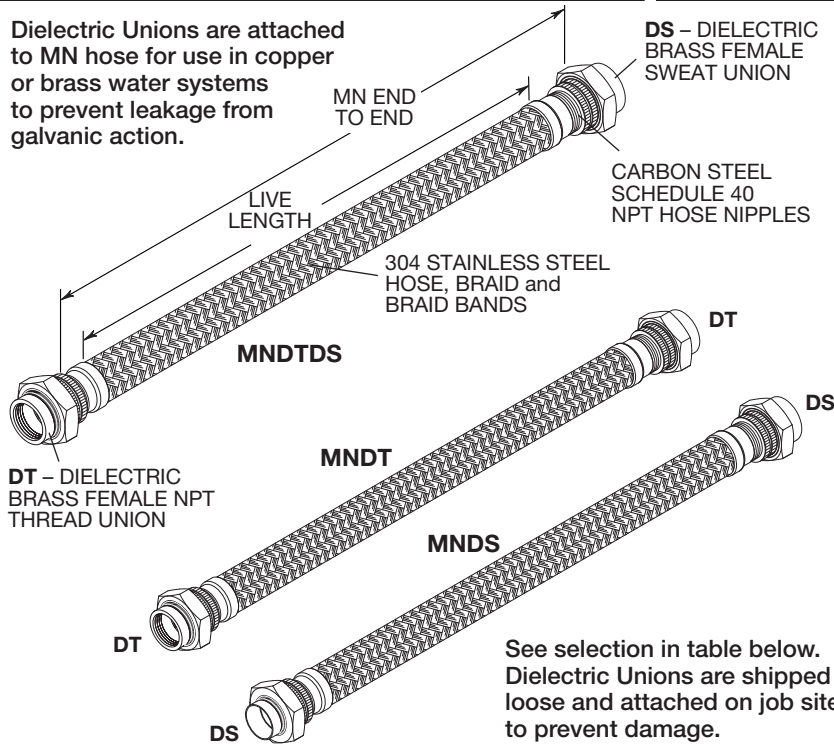


JOB NAME \_\_\_\_\_  
 CUSTOMER \_\_\_\_\_  
 CUSTOMER P.O. \_\_\_\_\_  
 MASON M. \_\_\_\_\_  
 DWG No. \_\_\_\_\_

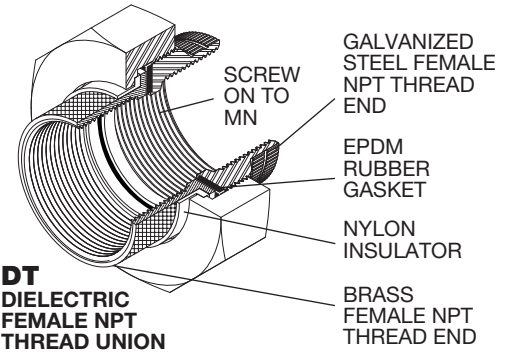
**DT & DS**

MN BRAIDED HOSE  
 with DIELECTRIC  
 UNIONS, THREAD  
 and/or SWEAT ENDS

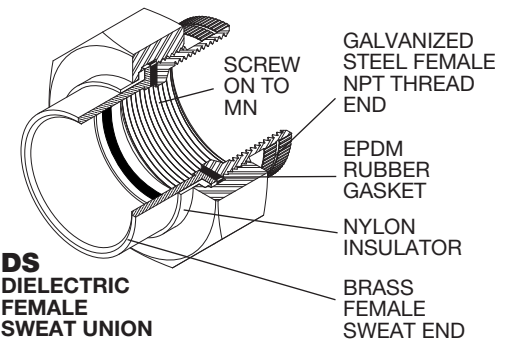
Dielectric Unions are attached to MN hose for use in copper or brass water systems to prevent leakage from galvanic action.



See selection in table below.  
 Dielectric Unions are shipped loose and attached on job site to prevent damage.



**DT**  
 DIELECTRIC  
 FEMALE NPT  
 THREAD UNION



**DS**  
 DIELECTRIC  
 FEMALE  
 SWEAT UNION

**MN DIMENSIONS AND PRESSURE RATINGS (American Units)**

Pipe Size* & End to End† (in)	Live Length (in)	Maximum Permanent Lateral Offset** (in)	Corrugations per foot	Rated Pressure @70°F†† (psi)
1/2 x 12	73/4	11/4	92	1100
1/2 x 18	133/4	4	92	1100
1/2 x 24	193/4	7 1/2	92	1100
1/2 x 36	313/4	16	92	1100
3/4 x 12	73/4	11/8	80	700
3/4 x 18	133/4	31/2	80	700
3/4 x 24	193/4	7	80	700
3/4 x 36	313/4	14	80	700
1 x 12	73/4	1	72	580
1 x 18	133/4	3	72	580
1 x 24	193/4	6 1/2	72	580
1 x 36	313/4	11	72	580
1 1/4 x 12	63/4	3/4	67	480
1 1/4 x 18	123/4	2 1/4	67	480
1 1/4 x 24	183/4	5	67	480
1 1/4 x 36	303/4	10	67	480
1 1/2 x 12	63/4	5/8	63	450
1 1/2 x 18	123/4	2	63	450
1 1/2 x 24	183/4	4 1/2	63	450
1 1/2 x 36	303/4	9	63	450
2 x 12	6	3/8	58	360
2 x 18	12	1 1/2	58	360
2 x 24	18	33/4	58	360
2 x 36	30	8	58	360

**MN DIMENSIONS AND PRESSURE RATINGS (Metric Units)**

Pipe Size* & End to End† (mm)	Live Length (mm)	Maximum Permanent Lateral Offset** (mm)	Corrugations per meter	Rated Pressure @21°C†† (kg/cm²)
15 x 305	197	32	302	77
15 x 457	349	102	302	77
15 x 610	502	191	302	77
15 x 914	806	406	302	77
20 x 305	197	29	262	49
20 x 457	349	89	262	49
20 x 610	502	178	262	49
20 x 914	806	356	262	49
25 x 305	194	25	236	40
25 x 457	349	76	236	40
25 x 610	502	165	236	40
25 x 914	806	279	236	40
32 x 305	171	19	220	33
32 x 457	324	57	220	33
32 x 610	476	127	220	33
32 x 914	781	254	220	33
40 x 305	171	16	207	31
40 x 457	324	51	207	31
40 x 610	476	214	207	31
40 x 914	781	229	207	31
50 x 305	152	10	190	25
50 x 457	305	38	190	25
50 x 610	457	95	190	25
50 x 914	762	203	190	25

\*\*Lateral Offset one side of centerline and normal machinery vibration. If intermittent in both directions, reduce by 50%.

†End to End Tolerances: All Sizes, ±1/4" (6mm) ††Minimum Burst is four times the Rated Pressure. Safety factor of 4.

QTY	MN HOSE SIZE & LENGTH	ENDS DT DS	TAG

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Certification Form S-5017 07/2012      DWN      CHKD      DATE      DWG No.