

## Plastic Disposable Static Mixers, .....continued.....

### Model HT-11 Helical Plastic Disposable Static Mixers with NPT End Connections

Model HT-11 Plastic Disposable Helical Static Mixers provide cost effective solutions for meter-mix-dispense applications. The brass NPT threaded end connection allow for ease of connecting to standard pipe fittings. The helical static mixer structure is suitable for simple to medium difficulty applications. Other StaMixCo X-Grid static mixers described earlier in this brochure are recommended for difficult applications that require high degrees of mixing or when materials must be mixed with large differences in viscosity or volumetric ratio.

#### Specifications & Accessories

- Materials of Construction:  
Mixing Elements: Acetal  
Housing: Nylon  
End Connections: Brass Male NPT
- Mixing Element Geometry: Length-to-Diameter Ratio (L/D) of Individual Mixing Elements = ~0.8
- Accessories: None

### Model HT-11



**Figure #14:** Model HT-11 Helical Plastic Disposable Static Mixer with NPT End Connections

**Table #7:** Dimensions of Model HT-11 Helical Plastic Disposable Static Mixers with NPT End Connections (See Figure #14)

Model #	O.D. Mixing Elements	Number of Mixing Elements	L Total Length	O.D. Housing	Outlet Connection	Burst Pressure Limit at 70 °F
HT-11-8.0-12	8.0 mm	12	18.2 cm	11.1 mm	1/4" MNPT	540 psi
HT-11-8.0-18	8.0 mm	18	23.1 cm	11.1 mm	1/4" MNPT	540 psi
HT-11-8.0-24	8.0 mm	24	27.2 cm	11.1 mm	1/4" MNPT	540 psi
HT-11-8.0-30	8.0 mm	30	32.4 cm	11.1 mm	1/4" MNPT	540psi
HT-11-9.4-12	9.4 mm	12	19.1 cm	12.7 mm	1/4" MNPT	450 psi
HT-11-9.4-18	9.4 mm	18	24.5 cm	12.7 mm	1/4" MNPT	450 psi
HT-11-9.4-24	9.4 mm	24	29.3 cm	12.7 mm	1/4" MNPT	450 psi
HT-11-9.4-30	9.4 mm	30	34.4 cm	12.7 mm	1/4" MNPT	450 psi
HT-11-12.6-12	12.6 mm	12	21.7 cm	16.0 mm	3/8" MNPT	340 psi
HT-11-12.6-18	12.6 mm	18	28.4 cm	16.0 mm	3/8" MNPT	340 psi
HT-11-12.6-24	12.6 mm	24	34.5 cm	16.0 mm	3/8" MNPT	340 psi
HT-11-12.6-30	12.6 mm	30	40.7 cm	16.0 mm	3/8" MNPT	340 psi
HT-11-16.0-10	16.0 mm	10	23.9 cm	19.3 mm	1/2" MNPT	290 psi
HT-11-16.0-20	16.0 mm	20	36.6 cm	19.3 mm	1/2" MNPT	290 psi
HT-11-16.0-30	16.0 mm	30	50.1 cm	19.3 mm	1/2" MNPT	290 psi
HT-11-19.9-8	19.9 mm	8	25.7 cm	23.4 mm	3/4" MNPT	230 psi
HT-11-19.9-16	19.9 mm	16	38.5 cm	23.4 mm	3/4" MNPT	230 psi
HT-11-19.9-24	19.9 mm	24	52.1 cm	23.4 mm	3/4" MNPT	230 psi
HT-11-19.9-32	19.9 mm	32	65.1 cm	23.4 mm	3/4" MNPT	230 psi