

Technical Data Sheet

PharmaFocus® Premium Braid Reinforced Tubing - ASTR

Operating Temperature Range:

General temperature range -100° F (-73.3° C) to 400° F (204.4° C)

Maximum Operating Pressure:

Part Number	Burst [bar]	Burst [psi]	Working Pressure, Bar	Working Pressure, PSI
ASTR 250	24.4	354	6.1	89
ASTR 375	29.3	425	7.3	106
ASTR 500	28.7	416	7.2	104
ASTR-750	20.6	299	5.2	74.8
ASTR-1000	16.2	235	4.1	58.8

Bend Radius:

Tube	Bend Radius (mm)	Bend Radius (in)
ASTR250-A65X	13	0.512
ASTR375-A65X	31	1.220
ASTR500-A65X	50	1.967
ASTR750-A65X	98	3.858
ASTR1000-A65X	120	4.724

Bend radius testing according to ISO 1746, referenced in standard DIN 26055-2

Autoclave Temperature:

To be effective, the autoclave must reach and maintain a temperature of 121° C (250° F) for at least 30 minutes by using saturated steam under at least 15 psi of pressure.

Gamma Irradiation Range: 25 – 40 kGy

ASTR Weights:

Product	Weight (g/m)	Weight (lbs/ft)
ASTR125-A65	70	0.506
ASTR187-A65	78	0.564
ASTR250-A65	105	0.759
ASTR312-A65	150	1.085
ASTR375-A65	148	1.070
ASTR500-A65	230	1.664
ASTR625-A65	319	2.307
ASTR750-A65	382	2.763
ASTR875-A65	447	3.233
ASTR1000-A65	500	3.617
ASTR375-A65MW	172	1.244
ASTR375-A65HW	195	1.410