

















INFLATABLE SEAL PROFILE OVERVIEW

Our library of standard inflatable seal profiles, organized by seal type. Click any profile to open its full dimensioned engineering drawing. Every profile can be customized — dimensions, elastomer, fittings, and fabric reinforcement — to fit your application.







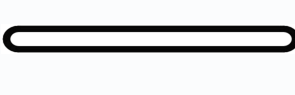








The expansion listed for each seal is the amount the seal inflates above its listed height. Expansion varies with pressure — consult Dynamic Rubber for application help. All profiles are available in Silicone, EPDM, Neoprene, Nitrile, Butyl, and FKM, including FDA and low-outgassing compounds, custom molded shapes, and fabric reinforcement.

TYPE 1 SEALS — 16 PROFILES





 <p>DR-1 → Expands 3/16" Neoprene/EPDM</p>	 <p>DR-2 → Expands 1/2" EPD/Nitrile/ Silicone</p>	 <p>DR-3 → Expands 3/4" EPD/Nitrile/Neoprene/Silicone</p>	 <p>DR-3A → Expands 1.2" EPDM</p>
 <p>DR-3L → Expands 3/4" EPDM</p>	 <p>DR-3M → Expands 3/4" Silicone</p>	 <p>DR-4 → Expands 1 1/2" EPDM/Neoprene</p>	 <p>DR-32 → Inflates 3" EPDM</p>
 <p>DR-53 → Expands 5/8" EPDM</p>	 <p>DR-62 → Expands 1/2" EPDM</p>	 <p>DR-84 → Expands 2 1/2" EPDM</p>	 <p>DR-86 → Expands 3/8" Low Outgassing EPDM</p>
 <p>DR-87 → Expands 3/8" Low outgassing EPDM</p>	 <p>DR-99 → Expands 5/8" Silicone</p>	 <p>DR-113 → Expands 3/8" Neoprene</p>	 <p>DR-127 → Expands 2" EPDM</p>

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TYPE 2 SEALS - 15 PROFILES
















 <p>DR-5 → Expands ¼" EPDM</p>	 <p>DR-6 → Expands 5/8" EPDM</p>	 <p>DR-7 → Expands ¾" Nitrile/EPDM</p>	 <p>DR-8 → Inflates 1½" EPDM/Neoprene</p>
 <p>DR-12 → Expands ½" EPDM</p>	 <p>DR-13 → Inflates 1¼" EPDM</p>	 <p>DR-17 → Expands 3" EPDM/Silicone</p>	 <p>DR-49 → Expands 1/8" Nitrile</p>
 <p>DR-65 → Expands 1/8" EPDM</p>	 <p>DR-66 → Inflates 1½" EPDM</p>	 <p>DR-89 → Expands 1" EPDM</p>	 <p>DR-91 → Expands 1½" EPDM/Butyl</p>
 <p>DR-122 → Expands ½" EPDM</p>	 <p>DR-138 → Expands 3" EPDM</p>	 <p>DR-139 → Expands 2" EPDM</p>	

TYPE 3 SEALS - 19 PROFILES



 <p>DR-11 → Expands .05" EPDM</p>	 <p>DR-14 → Expands ¼" EPDM</p>	 <p>DR-16 → Expands 5/8" EPDM</p>	 <p>DR-24 → Expands ½" EPDM</p>
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SEAL PROFILE LIBRARY

TYPE 3 SEALS - CONTINUED





















 <p>DR-27 → Expands ¼" Neoprene</p>	 <p>DR-42 → Expands ½" EPDM</p>	 <p>DR-43 → Expands ¼" Silicone</p>	 <p>DR-56 → Expands .05" EPDM</p>
 <p>DR-57 → Expands 3/16" Silicone</p>	 <p>DR-63 → Expands ¼" Silicone</p>	 <p>DR-70 → Expands 3/8" EPDM/Neoprene</p>	 <p>DR-78 → Expands 1/8" Silicone</p>
 <p>DR-94 → Inflates ½" EPDM</p>	 <p>DR-97 → Expands ½" EPDM</p>	 <p>DR-102 → Expands 1" Neoprene</p>	 <p>DR-109 → Expands 1" EPDM</p>
 <p>DR-110 → Inflates ¼" Silicone</p>	 <p>DR-111 → Expands 3/8" Silicone</p>	 <p>DR-134 → Expands ¼" Silicone</p>	

TYPE 4 SEALS - 28 PROFILES

 <p>DR-22 → Expands 5/8" EPDM</p>	 <p>DR-36 → Expands ¼" EPDM</p>	 <p>DR-37 → Expands ¼" EPDM</p>	 <p>DR-39 → Expands .7" EPDM</p>
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SEAL PROFILE LIBRARY

TYPE 4 SEALS - CONTINUED

 <p>DR-44 → Expands 3/8" EPDM</p>	 <p>DR-46 → Expands 1/4" EPDM/Silicone</p>	 <p>DR-52 → Expands 1" EPDM</p>	 <p>DR-58 → Expands 1/8" Nitrile</p>
 <p>DR-59 → Expands 5/8" Grey EPDM</p>	 <p>DR-64 → Expands 1 1/2" EPDM</p>	 <p>DR-76 → Expands 1/8" EPDM/Natural</p>	 <p>DR-81 → Expands 5/8" EPDM</p>
 <p>DR-82 → Expands 1/2" EPDM</p>	 <p>DR-83 → Expands 3/8" Neoprene/Nitrile</p>	 <p>DR-85 → Expands 1/4" EPDM</p>	 <p>DR-90 → Expands 3/16" EPDM</p>
 <p>DR-93 → Expands 3/8" Silicone</p>	 <p>DR-95 → Expands 1/4" Silicone</p>	 <p>DR-96 → Expands 1/4" Silicone</p>	 <p>DR-98 → Expands 3/4" EPDM/Silicone</p>
 <p>DR-101 → Expands 3/16" Neoprene</p>	 <p>DR-103 → Expands 3/16" Nitrile</p>	 <p>DR-105 → Expands 3/16" Silicone</p>	 <p>DR-115 → Expands 3/4" Silicone</p>

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TYPE 4 SEALS - CONTINUED

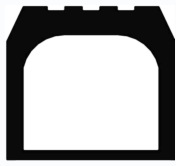
 <p>DR-126 → Expands 3/4" EPDM</p>	 <p>DR-133 → Expands 3/8" EPDM</p>	 <p>DR-140 → Expands 1/2" EPDM</p>	 <p>DR-141 → Expands 1 3/8" Nitrile</p>
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TYPE 5 SEALS - 19 PROFILES

 <p>DR-9 → Expands .1" EPDM/Nitrile/silicone</p>	 <p>DR-10 → Expands 5/16" Silicone</p>	 <p>DR-15 → Expands 1/4" EPDM/Silicone</p>	 <p>DR-20 → Expands 1/16" Silicone</p>
 <p>DR-25 → Expands 1/16" EPDM</p>	 <p>DR-33 → Expands 1/4" Silicone</p>	 <p>DR-34 → Expands 3/8" EPDM/Silicone</p>	 <p>DR-35 → Expands 3/8" Silicone</p>
 <p>DR-50 → Expands 1/4" EPDM/Silicone</p>	 <p>DR-51 → Expands 1/16" Silicone</p>	 <p>DR-60 → Expands 3/8" EPDM/Silicone/Nitrile</p>	 <p>DR-61 → Expands 1/8" EPDM/Silicone/FKM</p>
 <p>DR-68 → Inflates 1/4" Silicone</p>	 <p>DR-92 → Expands 1/16" Silicone</p>	 <p>DR-112 → Expands 3/8" EPDM</p>	 <p>DR-116 → Expands .05 EPDM</p>

SEAL PROFILE LIBRARY

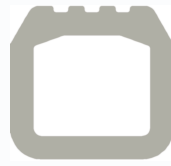
TYPE 5 SEALS - CONTINUED



DR-119 →
Expands 5/8"
EPDM



DR-120 →
Expands 5/8"
Silicone



DR-128 →
Expands 3/16"
Silicone

DON'T SEE YOUR PROFILE?

These are our standard profiles – we build custom shapes every week. Send us your groove dimensions or a sketch and we'll engineer a seal for your application. We can also match legacy seals, including seals originally made by other manufacturers.

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